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TECHNICAL MANUAL

**ORGANIZATIONAL, DIRECT SUPPORT AND
GENERAL SUPPORT MAINTENANCE REPAIR
PARTS AND SPECIAL TOOLS LIST
INCLUDING DEPOT MAINTENANCE REPAIR PARTS
AND SPECIAL TOOLS**

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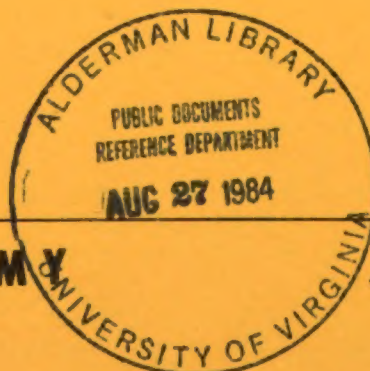
**GUIDED MISSILE, AIR DEFENSE
MIM-14B AND MIM-14C**

IMPROVED NIKE-HERCULES AIR DEFENSE GUIDED MISSILE SYSTEM

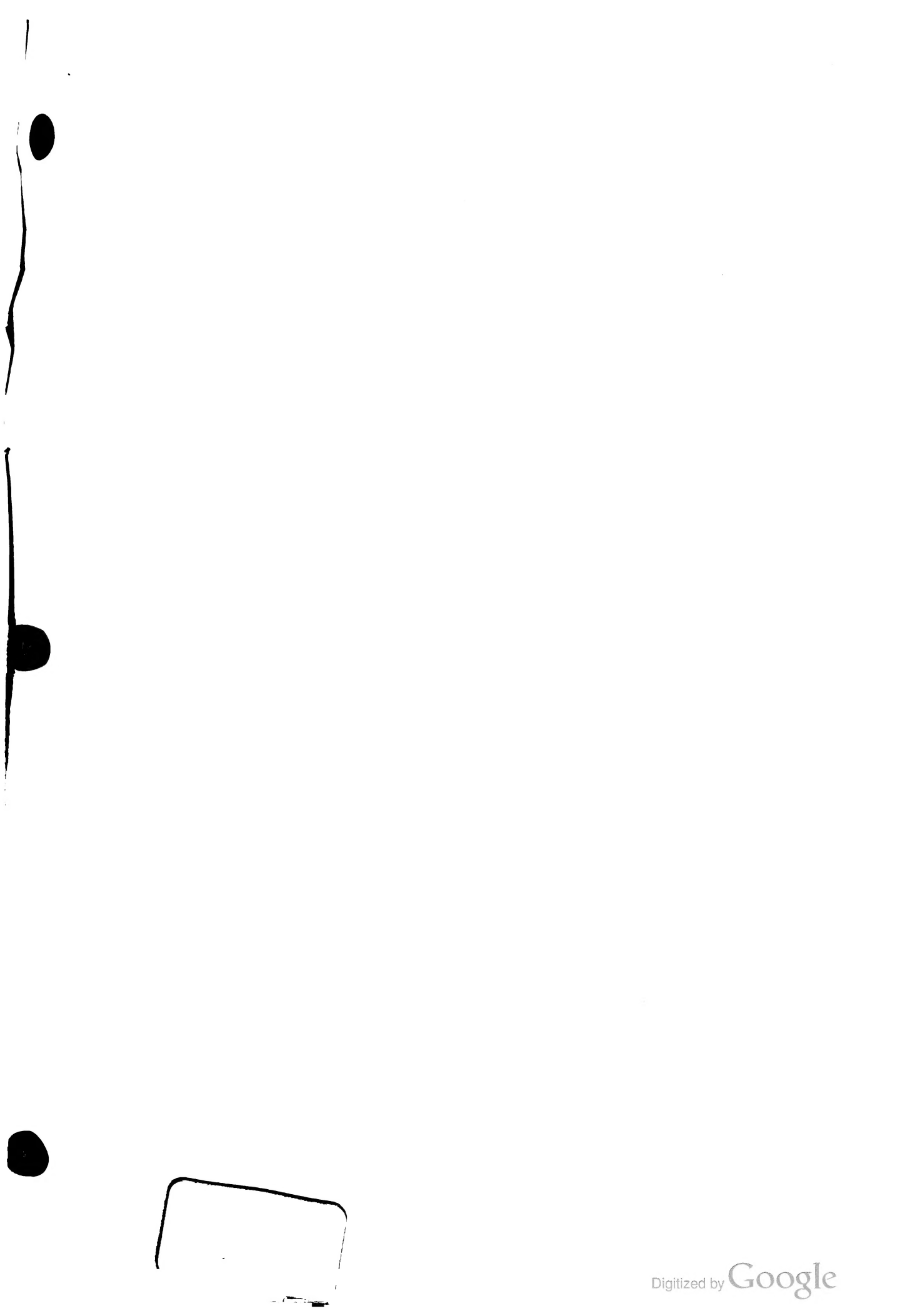
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PUBLICATION NUMBER

TM 9-1430-560-20P-3

PUBLICATION DATE

22 Feb 1979

PUBLICATION TITLE Data Processing Station, Guided Missile Systems, Semi-trailer Mounted AN/MSO-79 (XO-1)

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| 4-5 | | 1 | |

SAMPLE

IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:

Item 5 is listed as a Screw but should be listed as Knob.

In bubble J, callout 8 is depicted as a Washer and in bubble G, callout 8 is depicted as a Terminal Board. Recommend that bubble J callout 8 be changed to callout 2.

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To be distributed in accordance with DA Form 12-32, Section II, Organizational Maintenance requirements for Improved NIKE-HERCULES Missile System.

| REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. |
|---------------------|-------------|-------------|---------------------|-------------|-------------|---------------------|-------------|-------------|
| 9978366 | 11 | 4 | 9978991-2 | 145 | 9 | | | |
| | | | | 167 | 16 | | | |
| 9978370 | 109 | 5 | 9979038 | 104 | 1 | | | |
| 9978376 | 30 | 5 | | | | | | |
| 9978415 | 162 | 17 | 9979162 | 92 | 3 | | | |
| 9978447 | 108 | 12 | | 160 | 8 | | | |
| 9978448 | 108 | 11 | 9979167 | 92 | 1 | | | |
| | | | | 160 | 4 | | | |
| 9978469 | 106 | 15 | 9979234 | 28 | 27 | | | |
| | | | | 156 | 15 | | | |
| 9978488 | 147 | 1 | 9979465 | 60 | 13 | | | |
| 9978489 | 147 | 6 | 9979466 | 60 | 9 | | | |
| 9978490 | 147 | 3 | 9979608 | 29 | 15 | | | |
| 9978529 | 108 | 9 | 9979611 | 13 | 1 | | | |
| 9978535 | 78 | 10 | 9979613 | 33 | 2 | | | |
| 9978536 | 90 | 1 | 997979138 | 45 | 17 | | | |
| 9978537 | 90 | 4 | 9981372 | 172 | 3 | | | |
| 9978542 | 147 | 8 | 9981373 | 172 | 1 | | | |
| 9978543 | 171 | 8A | | | | | | |
| 9978565-1 | 146 | 18 | | | | | | |
| 9978565-2 | 146 | 29 | | | | | | |
| 9978565-3 | 146 | 3 | | | | | | |
| 997867 | 98 | 3 | | | | | | |
| 9978711 | 171 | 61A | | | | | | |
| 9978712 | 6 | 1 | | | | | | |
| 9978713 | 57 | 8 | | | | | | |
| 9978716 | 25 | 7 | | | | | | |
| | 26 | 27 | | | | | | |
| | 63 | 3 | | | | | | |
| | 144 | 1 | | | | | | |
| | 164 | 8 | | | | | | |
| 9978869 | 103 | 7 | | | | | | |
| 9978870 | 103 | 13 | | | | | | |
| 9978871 | 103 | 20 | | | | | | |
| 9978872 | 103 | 22 | | | | | | |
| 9978873 | 103 | 21 | | | | | | |
| 9978874 | 103 | 8 | | | | | | |
| 9978875 | 103 | 9 | | | | | | |
| 9978876 | 103 | 17 | | | | | | |
| 9978877 | 103 | 16 | | | | | | |
| 9978878 | 103 | 19 | | | | | | |
| 9978882 | 103 | 1 | | | | | | |
| 9978887 | 103 | 23 | | | | | | |
| 9978914 | 21 | 1 | | | | | | |
| 9978991-1 | 145 | 10 | | | | | | |
| | 167 | 16A | | | | | | |

| REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. |
|---------------------|-----------------|-------------|---------------------|-------------|-------------|---------------------|-------------|-------------|
| 9032014 | 57 | 6 | 9032922 | 123 | 11 | 9151290 | 107 | 7 |
| 9032020 | 61 | 13 | 9033035 | 27 | 6 | 9151291 | 107 | 19 |
| 9032022 | 30 | 11 | 9033218 | 58 | 15 | 9151293 | 106 | 19 |
| 9032022-3 | 30 | 13 | 9033221 | 58 | 14 | 9151294 | 106 | 23 |
| 9032022-9 | 30 | 16 | 9033353 | 27 | 10 | 9151295 | 106 | 16 |
| 9032023 | 62 | 7 | 9033560 | 148 | 2 | 9151296 | 107 | 8 |
| 9032032 | 171 | 418 | 9033575 | 26 | 18 | 9151297 | 106 | 18 |
| 9032034 | 51 64 159 | 2 9 2 | 9033602 | 45 | 9 | 9151298 | 107 | 14 |
| | | | 9033628 | 123 | 13 | 9151299 | 107 | 10 |
| 9032056 | 30 | 6 | 9033691 | 51 199 | 12 13 | 9151300 | 107 | 9 |
| 9032057 | 56 | 7 | 9033692 | 51 199 | 13 14 | 9151301 | 107 | 4 |
| 9032063 | 30 | 1 | | | | 9156891-1 | 81 | 3 |
| 9032066 | 30 | 14 | 9033694 | 45 | 16 | 9156891-2 | 81 | 9 |
| 9032067 | 56 | 12 | 9033863 | 171 | 12A | 9157605-13 | 171 | 11A |
| 9032094 | 30 | 12 | 9033947 | 171 | 10A | 9174995 | 152 | 17 |
| 9032258 | 63 | 12 | 9034673 | 40 | 12 | 9191910 | 171 | 110 |
| 9032324 | 78 | 2 | 9034673-3 | 40 | 15 | 9978021 | 105 | 12 |
| 9032331 | 78 | 6 | 9034674 | 40 | 18 | 9978022 | 105 | 11 |
| 9032346 | 26 | 7 | 9034674-3 | 40 | 21 | 9978023 | 105 | 4 |
| 9032380 | 66 | 3 | 9034675 | 41 | 11 | 9978027 | 105 | 7 |
| 9032416 | 20 | 11 | 9034675-3 | 41 | 14 | 9978028 | 105 | 8 |
| 9032477 | 149 | 17 | 9034676 | 41 | 10 | 9978029 | 105 | 6 |
| 9032497 | 23 | 4 | 9034676-3 | 41 | 13 | 9978030 | 105 | 10 |
| 9032560 | 64 | 5 | 9034849 | 42 | 1 | 9978032 | 105 | 9 |
| 9032585 | 143 | 7 | 9034880 | 56 | 1 | 9978033 | 105 | 1 |
| 9032609 | 20 | 1 | 9034928 | 45 | 1 | 9978034 | 105 | 5 |
| 9032610 | 20 | 2 | 9062795 | 64 | 2 | 9978035 | 105 | 2 |
| 9032642 | 22 157 | 16 4 | 9090315 | 146 146 | 20 26 | 9978036 | 105 | 3 |
| 9032643 | 22 157 | 13 1 | 9131381 | 35 | 4 | 9978049 | 127 | 5 |
| | | | 9149099 | 3 41 | 4 8 | 9978050 | 127 | 3 |
| 9032645 | 65 | 7 | | | | 9978052 | 149 162 | 10 16 |
| 9032646 | 45 | 10 | 9151277 | 106 | 12 | 9978054 | 149 | 9 |
| 9032693 | 148 | 1 | 9151282 | 107 | 16 | 9978069 | 79 | 2 |
| 9032797 | 63 | 6 | 9151283 | 107 | 11 | 9978089 | 91 | 28 |
| 9032797-3 | 63 | 9 | 9151284 | 107 | 5 | 9978099 | 143 | 6 |
| 9032800 | 51 159 | 6 6 | 9151285 | 107 | 13 | 9978101 | 171 | 61A |
| | | | 9151286 | 107 | 22 | 9978121 | 147 | 9 |
| 9032821 | 62 | 8 | 9151287 | 106 | 22 | 9978138 | 147 | 7 |
| 9032830 | 25 | 17 | 9151288 | 106 | 14 | 9978143 | 131 | 31 |
| 9032841 | 46 | 9 | 9151289 | 107 | 6 | | | |

| REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. |
|---------------------|-------------|-------------|---------------------|-------------|-------------|---------------------|-------------|-------------|
| 9028408 | 73 | 15 | 9031082 | 77 | 9 | 9031482 | 133 | 10 |
| 9028410 | 84 | 9 | 9031132 | 90 | 5 | 9031483 | 131 | 28 |
| 9028412 | 99 | 3 | | 160 | 14 | | 133 | 23 |
| | 165 | 18 | 9031133 | 90 | 6 | 9031484 | 133 | 11 |
| 9028414 | 171 | 29A | | 160 | 16 | | | |
| 9028419 | 68 | 2 | 9031135 | 90 | 6 | 9031485 | 133 | 9 |
| | | | | 160 | 13 | 9031486 | 125 | 13 |
| 9028421 | 29 | 1 | | | | | 132 | 4 |
| | 156 | 10 | 9031223 | 26 | 9 | 9031488 | 125 | 16 |
| 9028422 | 29 | 2 | | | | | 132 | 8 |
| | 156 | 12 | 9031245 | 120 | 14 | | | |
| 9028424 | 20 | 10 | 9031246 | 56 | 8 | 9031489 | 125 | 21 |
| | | | | 166 | 6 | | 132 | 10 |
| 9028431 | 59 | 1 | 9031264 | 29 | 11 | 9031491 | 135 | 17 |
| | 165 | 3 | | | | | | |
| 9028435 | 15 | 1 | 9031276 | 122 | 1 | 9031492 | 129 | 9 |
| | | | | 163 | 2 | | | |
| 9028435 | 15 | 1 | | 163 | 9 | 9031493 | 134 | 5 |
| 9028455 | 171 | 9A | 9031281 | 117 | 14 | 9031494 | 135 | 1 |
| 9028458 | 62 | 18 | | | | | | |
| | 164 | 15 | 9031320 | 52 | 8 | 9031495 | 134 | 1 |
| | | | | 160 | 1 | | | |
| 9028467 | 54 | 1 | 9031328 | 118 | 8 | 9031496 | 129 | 2 |
| 9028468 | 49 | 1 | 9031336 | 116 | 12 | 9031497 | 126 | 1 |
| 9029046 | 48 | 1 | 9031384 | 120 | 16 | 9031498 | 126 | 5 |
| | 158 | 7 | | | | 9031499 | 126 | 15 |
| 9030028 | 54 | 11 | 9031385 | 128 | 14 | | | |
| | 171 | 54A | 9031386 | 125 | 11 | 9031502 | 125 | 15 |
| | | | | | | | 132 | 6 |
| 9030264 | 66 | 2 | 9031387 | 128 | 19 | 9031503 | 129 | 19 |
| 9030288 | 56 | 9 | | | | | 135 | 21 |
| 9030305 | 30 | 8 | 9031451 | 131 | 24 | 9031504 | 134 | 8 |
| 9030306 | 29 | 5 | 9031461 | 131 | 11 | 9031505 | 131 | 32 |
| 9030346 | 55 | 4 | 9031462 | 131 | 17 | 9031506 | 126 | 7 |
| | | | 9031462-1 | 131 | 16 | | 134 | 7 |
| 9030347 | 56 | 6 | 9031462-2 | 131 | 15 | 9031517 | 126 | 8 |
| 9030381 | 24 | 8 | 9031462-3 | 131 | 18 | 9031521 | 135 | 4 |
| 9030551 | 130 | 2 | 9031465-1 | 133 | 17 | 9031528 | 125 | 3 |
| 9030554 | 130 | 13 | 9031465-2 | 133 | 12 | 9031530 | 125 | 1 |
| 9030555 | 130 | 18 | 9031466-1 | 126 | 2 | 9031568 | 35 | 8 |
| 9030556 | 130 | 9 | 9031466-2 | 134 | 2 | 9031782 | 39 | 15 |
| 9030557 | 130 | 18 | 9031468 | 130 | 14 | 9031793 | 31 | 1 |
| 9030569 | 131 | 4 | 9031469 | 130 | 15 | 9031827 | 35 | 1 |
| | 131 | 12 | | | | | | |
| | 133 | 15 | 9031470 | 130 | 1 | 9031831 | 46 | 13 |
| 9030623 | 64 | 4 | 9031471 | 133 | 6 | 9031837 | 35 | 9 |
| 9030655 | 89 | 5 | 9031473 | 131 | 6 | 9031838 | 118 | 32 |
| | | | | 133 | 16 | | | |
| 9030684 | 26 | 5 | 9031474 | 133 | 13 | 9031866 | 44 | 4 |
| 9031006 | 4 | 5 | 9031475 | 131 | 1 | 9031869 | 26 | 8 |
| 9031007 | 3 | 2 | 9031476 | 131 | 8 | 9031879 | 34 | 1 |
| 9031067 | 89 | 7 | 9031477 | 133 | 20 | 9032013 | 57 | 5 |

| REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. |
|---------------------|-----------------------|-------------------|---------------------|------------------------------|------------------------|---------------------|-------------------|---------------|
| 9025481 | 44 | 15 | 9028028 | 50 140 | 1 10 | 9028168 | 44 | 10 |
| 9025482 | 44 | 20 | 9028057 | 60 166 | 7 21 | 9028181 | 61 | 5 |
| 9025506 | 149 | 1 | 9028058 | 40 58 60 123 166 | 4 9 8 9 16 | 9028199 | 47 | 8 |
| 9025691 | 26 | 17 | | | | 9028214 | 44 | 12 |
| 9025896 | 97 | 13 | | | | 9028222 | 123 | 7 |
| 9025961 | 26 | 21 | | | | 9028231 | 117 | 4 |
| 9026132 | 38 | 6 | 9028059 | 74 77 77 | 4 5 11 | 9028232 | 117 | 7 |
| 9026133 | 39 | 17 | | | | 9028238 | 117 | 3 |
| 9026134 | 45 62 164 | 7 5 14 | 9028061 | 68 | 8 | 9028241 | 117 | 6 |
| | | | 9028062 | 68 | 6 | 9028251 | 49 | 2 |
| 9026135 | 171 | 15A | 9028063 | 129 | 16 | 9028259 | 121 | 14 |
| 9026136 | 171 | 13A | 9028070 | 30 | 7 | 9028260 | 55 165 | 1 22 |
| 9026144 | 38 65 | 12 3 | 9028072 | 124 | 20 | 9028261 | 125 132 | 17 7 |
| 9026145 | 36 | 17 | 9028073 | 87 | 11 | | | |
| 9026153 | 171 | 130 | 9028077 | 68 | 4 | 9028266 | 125 126 134 | 2 11 12 |
| 9026168 | 36 171 | 16 16F | 9028078 | 87 | 5 | | | |
| 9026506 | 171 | 208 | 9028079 | 87 | 9 | 9028292 | 31 | 2 |
| 9026507 | 91 | 17 | 9028080 | 67 67 71 161 | 4 11 5 7 | 9028293 | 3 30 | 1 4 |
| 9026523 | 67 67 71 161 | 6 10 9 9 | 9028081 | 34 75 | 21 13 | 9028297 | 22 157 | 14 2 |
| | | | 9028082 | 83 | 7 | 9028298 | 89 | 1 |
| 9026726 | 171 | 16C | 9028086 | 130 | 8 | 9028312 | 77 | 20 |
| 9026728 | 171 | 47A | 9028087 | 14 73 75 | 23 9 11 | 9028313 | 20 | 10 |
| 9027293 | 141 | 8 | | | | 9028319 | 3 12 | 6 1 |
| 9027294 | 141 | 10 | 9028088 | 122 | 3 | 9028320 | 38 40 164 | 1 3 22 |
| 9027320 | 136 | 11 | 9028097 | 99 | 12 | 9028322 | 63 164 | 10 11 |
| 9027336 | 141 | 17 | 9028101 | 122 | 6 | 9028326 | 21 | 7 |
| 9027337 | 141 | 20 | 9028104 | 123 | 10 | 9028327 | 22 | 4 |
| 9027338 | 161 | 19 | 9028110 | 171 | 30A | 9028335 | 171 | 7A |
| 9028001 | 78 | 1 | 9028113 | 68 | 3 | 9028336 | 171 | 7B |
| 9028003 | 75 | 14 | 9028117 | 29 | 6 | 9028340 | 136 | 3 |
| 9028004 | 144 | 4 | 9028123 | 41 | 4 | 9028341 | 136 | 12 |
| 9028007 | 85 | 12 | 9028124 | 78 | 20 | 9028342 | 96 | 2 |
| 9028009 | 83 | 17 | 9028129 | 82 | 2 | 9028381 | 22 | 12 |
| 9028010 | 83 | 5 | 9028130 | 44 | 26 | 9028382 | 22 | 5 |
| 9028011 | 84 | 1 | 9028135 | 43 | 5 | 9028390 | 44 | 25 |
| 9028015 | 86 | 1 | 9028165 | 122 163 | 17 3 | 9028400 | 37 | 9 |
| 9028021 | 85 | 5 | 9028167 | 44 | 3 | 9028407 | 73 | 1 |

| REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. |
|---------------------|-------------|-------------|---------------------|-------------|-------------|---------------------|-------------|-------------|
| 9019938 | 100 | 27 | 9020607 | 25 | 11 | 9020935 | 106 | 17 |
| 9019941 | 14 | 3 | 9020611 | 63 | 8 | 9020936 | 107 | 1 |
| 9019942 | 171 | 56A | 9020614 | 107 | 3 | 9020937 | 107 | 2 |
| 9019943 | 14 | 5 | 9020617 | 65 | 12 | 9020938 | 108 | 16 |
| 9019950 | 14 | 2 | 9020619 | 146 | 14 | 9020939 | 108 | 20 |
| 9019965 | 14 | 11 | 9020620 | 162 | 18 | 9020940 | 108 | 3 |
| 9019972 | 142 | 3 | 9020621 | 146 | 2 | 9020941 | 106 | 21 |
| 9019973 | 142 | 4 | | 146 | 19 | 9020951 | 108 | 10 |
| 9019974 | 142 | 5 | 9020622 | 146 | 28 | | | |
| 9019981 | 112 | 20 | | 146 | 21 | 9020952 | 106 | 9 |
| 9019990 | 135 | 7 | 9020630 | 146 | 27 | 9020954 | 80 | 29 |
| 9019991 | 135 | 5 | 9020631 | 162 | 19 | 9020954-3 | 80 | 30 |
| 9019994 | 48 | 4 | | 25 | 9 | 9020955 | 80 | 20 |
| 9019998 | 52 | 4 | 9020635 | 27 | 16 | 9020955-3 | 80 | 24 |
| | 160 | 5 | | 25 | 12 | 9020956 | 80 | 28 |
| 9020205 | 101 | 19 | 9020638 | 27 | 15 | | | |
| 9020505 | 86 | 10 | | 106 | 13 | 9022043 | 153 | 10 |
| 9020507 | 69 | 1 | 9020643 | 100 | 6 | 9022044 | 153 | 1 |
| 9020508 | 80 | 3 | 9020649 | 80 | 7 | 9022047 | 171 | 15C |
| 9020524 | 28 | 8 | 9020661 | 101 | 15 | 9022060 | 46 | 5 |
| 9020525 | 28 | 1 | 9020686 | 171 | 17A | 9022093 | 102 | 4 |
| | 156 | 4 | 9020687 | 171 | 14C | 9022094 | 102 | 5 |
| 9020542 | 104 | 15 | 9020688 | 171 | 14B | 9022095 | 102 | 14 |
| 9020544 | 104 | 9 | 9020689 | 171 | 18A | 9022096 | 102 | 6 |
| 9020545 | 100 | 1 | 9020690 | 171 | 13L | 9022097 | 110 | 15 |
| 9020546 | 104 | 5 | 9020691 | 171 | 39A | 9022107 | 101 | 24 |
| 9020547 | 117 | 1 | 9020695 | 101 | 20 | 9025007 | 20 | 19 |
| 9020554 | 101 | 13 | 9020698 | 171 | 52A | | 156 | 1 |
| 9020575 | 33 | 1 | 9020699 | 14 | 1 | 9025109 | 44 | 17 |
| 9020577 | 99 | 13 | 9020702 | 14 | 14 | 9025110 | 44 | 22 |
| 9020578 | 91 | 37 | 9020705 | 171 | 55A | 9025111 | 44 | 19 |
| 9020580 | 124 | 18 | 9020706 | 101 | 16 | 9025112 | 35 | 2 |
| | 162 | 2 | 9020707 | 101 | 14 | 9025118 | 150 | 4 |
| 9020581 | 164 | 23 | 9020710 | 171 | 57A | 9025119 | 145 | 5 |
| 9020582 | 124 | 17 | 9020711 | 171 | 51A | 9025230 | 150 | 8 |
| | 162 | 3 | 9020712 | 171 | 50A | 9025231 | 150 | 7 |
| 9020583 | 25 | 10 | 9020714 | 14 | 34 | 9025404 | 39 | 4 |
| | 63 | 7 | 9020715 | 14 | 36 | 9025460 | 150 | 6 |
| 9020593 | 72 | 11 | 9020717 | 4 | 7 | 9025461 | 150 | 5 |
| | 165 | 12 | 9020723 | 80 | 8 | 9025462 | 145 | 7 |
| 9020594 | 130 | 16 | 9020730 | 171 | 18B | 9025463 | 145 | 13 |
| 9020597 | 130 | 4 | 9020734 | 100 | 30 | 9025479 | 44 | 11 |
| 9020598 | 100 | 7 | | 101 | 9 | | | |

| REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. |
|---------------------|-------------|-------------|---------------------|-------------|-------------|---------------------|-------------|-------------|
| 9018792 | 72 | 6 | 9019678 | 79 | 1 | 9019806 | 61 | 6 |
| 9018793 | 72 | 8 | 9019679 | 171 | 48A | 9019807 | 93 | 4 |
| 9018798 | 171 | 27B | 9019680 | 171 | 49A | 9019812 | 44 | 24 |
| 9018799 | 171 | 27A | 9019681 | 171 | 49B | 9019817 | 127 | 9 |
| 9018810 | 72 | 5 | 9019682 | 171 | 49C | 9019830 | 20 196 | 22 11 |
| 9018811 | 72 | 7 | 9019683 | 171 | 49D | 9019838 | 171 | 44A |
| 9018829 | 141 | 18 | 9019684 | 83 | 13 | 9019839 | 43 | 8 |
| 9018864 | 91 | 18 | 9019685 | 86 | 2 | 9019843 | 11 | 2 |
| 9018867 | 93 | 6 | 9019686 | 83 | 18 | 9019846 | 61 | 9 |
| 9018927 | 91 | 31 | 9019687 | 79 | 8 | 9019850 | 127 | 18 |
| 9018928 | 65 164 | 11 22 | 9019693 | 96 | 6 | 9019852 | 142 | 11 |
| 9018952 | 46 | 1 | 9019695 | 122 | 10 | 9019865 | 23 | 1 |
| 9019224 | 142 | 1 | 9019696 | 122 | 19 | 9019866 | 23 | 3 |
| 9019229 | 142 | 2 | 9019698 | 71 | 1 | 9019871 | 81 | 10 |
| 9019504 | 44 | 18 | 9019699 | 171 | 45A | 9019874 | 125 132 | 6 1 |
| 9019510 | 131 131 | 7 33 | 9019700 | 171 | 42A | 9019876 | 61 164 | 3 6 |
| 9019534 | 59 165 | 4 16 | 9019702 | 171 | 44A | 9019882 | 129 135 | 6 14 |
| 9019535 | 59 165 | 9 19 | 9019707 | 100 | 13 | 9019883 | 101 | 1 |
| 9019536 | 59 165 | 2 7 | 9019708 | 112 | 21 | 9019884 | 110 | 16 |
| 9019537 | 59 165 | 8 17 | 9019711 | 92 | 3 | 9019886 | 110 | 11 |
| 9019545 | 23 | 8 | 9019714 | 92 | 8 | 9019887 | 109 | 3 |
| 9019587 | 112 | 1 | 9019715 | 92 | 5 | 9019888 | 110 | 5 |
| 9019588 | 112 | 5 | 9019718 | 112 | 19 | 9019889 | 110 | 3 |
| 9019589 | 112 | 18 | 9019720 | 86 | 13 | 9019890 | 109 | 1 |
| 9019590 | 101 | 29 | 9019721 | 112 | 13 | 9019891 | 100 | 31 |
| 9019592 | 112 | 2 | 9019723 | 92 | 9 | 9019895 | 101 | 25 |
| 9019617 | 3 97 | 3 6 | 9019728 | 91 | 29 | 9019897 | 153 | 14 |
| 9019631 | 91 171 | 4 26A | 9019729 | 99 | 12 | 9019902 | 129 135 | 5 10 |
| 9019635 | 100 | 5 | 9019732 | 102 | 15 | 9019903 | 90 | 9 |
| 9019638 | 62 164 | 17 16 | 9019734 | 101 | 23 | 9019908 | 110 | 4 |
| 9019660 | 96 | 11 | 9019738 | 99 | 22 | 9019912 | 153 | 5 |
| 9019673 | 44 | 2 | 9019743 | 101 | 2 | 9019913 | 151 | 11 |
| 9019674 | 38 | 9 | 9019747 | 99 | 23 | 9019922 | 98 | 8 |
| 9019675 | 79 | 15 | 9019752 | 99 | 35 | 9019928 | 98 | 12 |
| 9019677 | 76 | 10 | 9019755 | 99 | 24 | 9019934 | 100 | 15 |
| | | | 9019757 | 99 | 34 | 9019935 | 68 | 1 |
| | | | 9019759 | 26 | 24 | 9019936 | 112 | 6 |
| | | | 9019797 | 93 | 11 | | | |
| | | | 9019804 | 85 | 18 | | | |

| REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. |
|---------------------|-------------------|--------------|---------------------|----------------|-------------|---------------------|-----------------------|------------------|
| 8525358 | 117 | 11 | 8530395-9 | 99 | 9 | 9007622 | 32 | 17 |
| 8525359 | 116 | 7 | 8530400 | 171 | 21A | 9007623 | 32 | 18 |
| 8525605 | 125 132 | 7 2 | 8530401 | 4 12 | 4 2 | 9007624 | 32 | 19 |
| 8525646 | 125 126 134 | 5 9 11 | 8530404 | 24 | 1 | 9007625 | 32 | 20 |
| | | | 8530406 | 13 | 2 | 9007626 | 32 | 21 |
| 8525674 | 129 135 | 12 22 | 8530408 | 38 | 14 | 9007627 | 32 | 22 |
| | | | 8530412 | 171 | 24A | 9017819 | 141 | 6 |
| 8525674-3 | 129 135 | 14 24 | 8530414 | 36 | 13 | 9017820 | 141 | 12 |
| 8525677 | 129 135 | 13 23 | 8530415 | 37 | 1 | 9017821 | 141 | 7 |
| | | | 8530417 | 47 | 9 | 9017822 | 141 | 5 |
| 8525678 | 127 | 8 | 8530418 | 58 | 10 | 9017823 | 141 | 14 |
| 8525679 | 129 135 | 15 25 | 8530425 | 149 | 11 | 9017824 | 142 | 13 |
| 8525681 | 127 | 14 | 8530431 | 47 | 6 | 9017826 | 141 | 11 |
| 8525682 | 127 | 1 | 8530432 | 24 | 12 | 9017836 | 141 | 16 |
| 8525691 | 130 | 3 | 8530453 | 128 | 7 | 9017837 | 141 | 15 |
| 8525694 | 131 | 19 | 8530458 | 4 136 | 9 9 | 9018143 | 46 61 | 8 8 |
| 8525699 | 131 | 10 | 8530461 | 43 | 2 | 9018231 | 130 | 12 |
| 8525861 | 144 168 | 6 11 | 8530475 | 29 | 14 | 9018239 | 67 67 71 161 | 5 9 8 8 |
| 8525861-3 | 144 | 8 | 8530476 | 34 | 9 | | | |
| 8525883 | 4 | 6 | 8530487 | 37 | 20 | 9018245 | 35 | 10 |
| 8526034 | 20 156 | 20 8 | 8530489 | 149 | 3 | 9018247 | 51 159 | 7 7 |
| | | | 8530982 | 22 157 | 9 6 | 9018252 | 171 | 140 |
| 8526789 | 89 | 2 | | | | | | |
| 8526770 | 14 | 30 | 8532426 | 14 | 40 | 9018287 | 39 | 3 |
| 8526826 | 168 | 19 | 8537307 | 81 87 87 | 5 6 8 | 9018288 | 141 | 9 |
| 8527017 | 99 | 19 | | | | 9018300 | 166 | 9 |
| 8527202 | 72 | 9 | 8836017 | 14 | 38 | 9018326 | 171 | 62A |
| 8527376 | 168 | 20 | 8850255 | 14 | 37 | 9018328 | 91 | 1 |
| 8528580 | 113 115 | 6 8 | 8861523 | 14 | 39 | 9018441 | 100 | 23 |
| | | | 9007575 | 32 | 7 | 9018457 | 27 65 164 | 17 15 24 |
| 8528772 | 68 | 7 | 9007613 | 32 | 8 | | | |
| 8528833 | 123 | 2 | 9007614 | 32 | 9 | 9018468 | 80 | 5 |
| 8529258 | 119 | 17 | 9007615 | 32 | 10 | 9018489 | 45 | 5 |
| 8529275 | 44 | 7 | 9007616 | 32 | 11 | 9018562 | 45 | 12 |
| 8529392 | 149 | 19 | 9007617 | 32 | 12 | 9018658 | 89 | 8 |
| 8529417 | 27 | 4 | 9007618 | 32 | 13 | 9018694 | 171 | 13C |
| 8529494 | 118 | 28 | 9007619 | 32 | 14 | 9018710 | 20 | 24 |
| 8530353 | 62 | 2 | 9007620 | 32 | 15 | 9018713 | 102 | 7 |
| 8530395 | 39 | 7 | 9007621 | 32 | 16 | 9018720 | 37 | 5 |
| 8530395-3 | 39 | 8 | | | | | | |

| REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. |
|---------------------|-------------|-------------|---------------------|-------------|-------------|---------------------|-------------|-------------|
| 8485513 | 27 | 9 | 8522071 | 72 | 10 | 8524475 | 114 | 11 |
| 8515929 | 127 | 4 | | 165 | 11 | | 115 | 1 |
| 8520831 | 32 | 1 | 8522099 | 51 | 9 | 8524476 | 119 | 5 |
| 8520832 | 32 | 2 | | 159 | 9 | 8524478 | 114 | 9 |
| 8520833 | 32 | 3 | 8522133 | 120 | 22 | 8524566 | 97 | 8 |
| 8520834 | 32 | 4 | 8522148 | 21 | 4 | 8524569 | 114 | 4 |
| 8520835 | 32 | 5 | | 156 | 19 | | 115 | 10 |
| 8520836 | 32 | 6 | 8522172 | 157 | 7 | 8524571 | 113 | 2 |
| 8521034 | 96 | 2 | 8522196 | 71 | 12 | | 115 | 9 |
| 8521035 | 96 | 1 | 8522197 | 26 | 14 | 8524572 | 113 | 7 |
| 8521036 | 95 | 2 | 8522198 | 26 | 13 | 8524573 | 114 | 2 |
| 8521037 | 95 | 1 | 8522292 | 89 | 9 | 8524576 | 116 | 3 |
| 8521038 | 95 | 9 | 8523325 | 124 | 14 | 8524577 | 117 | 13 |
| 8521039 | 95 | 10 | | 162 | 7 | 8524578 | 116 | 13 |
| 8521040 | 95 | 8 | 8523788 | 149 | 18 | 8524579 | 116 | 8 |
| 8521042 | 96 | 10 | 8523834 | 159 | 3 | 8524647 | 109 | 10 |
| 8521045 | 25 | 6 | 8523840-5 | 65 | 13 | | 118 | 9 |
| 8521047 | 24 | 19 | 8523842 | 66 | 5 | 8524664 | 72 | 4 |
| 8521050 | 24 | 21 | 8523843 | 51 | 3 | 8524670 | 121 | 6 |
| 8521053 | 94 | 2 | | 64 | 10 | 8524671 | 121 | 11 |
| 8521055 | 65 | 10 | 8524218 | 45 | 3 | 8524694 | 118 | 15 |
| 8521059 | 27 | 14 | | 63 | 11 | 8524695 | 118 | 14 |
| 8521061 | 20 | 17 | | 122 | 2 | 8524778 | 120 | 13 |
| 8521062 | 94 | 15 | | 124 | 1 | 8524790 | 124 | 12 |
| 8521063 | 94 | 4 | | 124 | 15 | 8524863 | 118 | 12 |
| 8521069 | 62 | 4 | | 162 | 1 | 8524864 | 118 | 13 |
| 8521083 | 20 | 13 | | 162 | 10 | 8524874 | 97 | 1 |
| 8521084 | 20 | 9 | | 163 | 1 | 8524899 | 117 | 18 |
| 8521088 | 171 | 22A | | 164 | 12 | 8524907 | 122 | 4 |
| 8521095 | 11 | 3 | 8524256-15 | 62 | 3 | 8524921 | 47 | 7 |
| 8521097 | 171 | 23A | 8524256-19 | 64 | 6 | 8524930 | 43 | 7 |
| 8521098 | 49 | 5 | 8524256-21 | 66 | 4 | 8524936 | 97 | 7 |
| 8521636 | 95 | 11 | 8524256-23 | 66 | 8 | 8524936-3 | 97 | 9 |
| | 96 | 12 | 8524256-25 | 65 | 8 | 8524977 | 117 | 5 |
| 8521830 | 79 | 6 | 8524256-29 | 63 | 2 | 8525329 | 119 | 10 |
| 8521883 | 35 | 7 | 8524256-33 | 63 | 13 | 8525330 | 119 | 16 |
| 8521884 | 35 | 3 | 8524256-37 | 63 | 20 | 8525331 | 119 | 19 |
| 8522069 | 72 | 12 | 8524256-45 | 66 | 1 | 8525332 | 119 | 15 |
| | 165 | 13 | 8524256-51 | 62 | 9 | 8525333 | 119 | 12 |
| 8522070 | 72 | 13 | 8524256-57 | 62 | 14 | 8525334 | 119 | 1 |
| | 165 | 14 | 8524256-61 | 63 | 16 | 8525340 | 119 | 11 |
| | | | 8524256-63 | 66 | 9 | 8525357 | 119 | 2 |
| | | | 8524285 | 70 | 1 | | | |
| | | | 8524287 | 20 | 5 | | | |
| | | | 8524470 | 124 | 16 | | | |
| | | | 8524470-3 | 124 | 19 | | | |

| REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. |
|---------------------|-------------|-------------|---------------------|-------------|-------------|---------------------|-------------|-------------|
| 8030976-1 | 167 | 10 | 8034274 | 19 | 3 | 8163731-2 | 121 | 8 |
| 8030976-2 | 167 | 1 | 8034291 | 91 | 16 | 8163731-3 | 121 | 9 |
| 8030978 | 167 | 2 | 8034326 | 16 | 1 | 8163731-4 | 121 | 10 |
| 8030981 | 170 | 16 | 8034329 | 93 | 9 | 8163763 | 109 | 12 |
| 8030982 | 170 | 14 | 8034430 | 16 | 5 | 118 | 7 | |
| 8030983 | 170 | 12 | | 53 | 7 | 119 | 14 | |
| 8030984 | 168 | 18 | 8034443 | 18 | 8 | 8163856 | 122 | 9 |
| | | | | 19 | 18 | 8163860 | 81 | 4 |
| 8030985-1 | 167 | 7 | 8034446 | 37 | 24 | 8163868 | 149 | 15 |
| | | | | 99 | 15 | | | |
| 8030985-2 | 167 | 8 | | 100 | 9 | 8163869 | 149 | 16 |
| | | | | 100 | 34 | | | |
| 8030985-3 | 167 | 6 | | 103 | 6 | 8163877 | 149 | 12 |
| | | | | 110 | 10 | | | |
| 8030986 | 168 | 10 | | 118 | 5 | 8163877-3 | 149 | 14 |
| 8030988 | 170 | 11 | 8034490 | 118 | 33 | 8164729 | 97 | 14 |
| 8030989 | 170 | 20 | 8034496 | 89 | 10 | 8164751 | 24 | 15 |
| 8030990 | 169 | 1 | 8034498 | 119 | 9 | 8164765 | 24 | 17 |
| 8030991 | 170 | 7 | 8034467 | 119 | 7 | 8165367 | 153 | 15 |
| 8030992-1 | 170 | 10 | 8034471 | 119 | 3 | 8165693 | 23 | 2 |
| | | | | | | 25 | 3 | |
| 8030992-2 | 170 | 3 | 8034473 | 118 | 11 | 8166002 | 118 | 30 |
| 8030993 | 170 | 9 | 8034491 | 111 | 6 | 8166102 | 146 | 17 |
| 8030994 | 168 | 24 | 8034499 | 100 | 20 | 8166146 | 146 | 25 |
| 8030996 | 168 | 22 | 8034509 | 140 | 4 | 8166147 | 146 | 1 |
| 8831006 | 16 | 2 | 8034511 | 19 | 22 | 8166270 | 145 | 8 |
| 8031023 | 140 | 3 | 8034517 | 100 | 29 | 8166278 | 146 | 9 |
| | | | | 101 | 10 | | | |
| 8031024 | 4 | 8 | | | | 8166292 | 146 | 5 |
| | 136 | 10 | 8034553 | 109 | 2 | | | |
| 8031031 | 169 | 13 | 8034635 | 53 | 10 | 8166293 | 146 | 8 |
| 8031040 | 137 | 6 | 8034646 | 53 | 12 | 8166296 | 146 | 4 |
| 8031044 | 138 | 3 | 8134499 | 152 | 15 | 8166313 | 145 | 6 |
| 8034185 | 19 | 1 | 8162429 | 20 | 23 | 8166466 | 136 | 8 |
| 8034186 | 19 | 4 | 8162602 | 118 | 27 | 8166516 | 11 | 1 |
| 8034187 | 19 | 9 | 8162610 | 119 | 18 | 8166828 | 151 | 1 |
| 8034192 | 53 | 1 | 8162642 | 20 | 16 | 8168351 | 20 | 3 |
| 8034196 | 16 | 4 | 8162828 | 21 | 3 | 8168689 | 152 | 6 |
| | 19 | 7 | | 156 | 18 | | | |
| | 53 | 8 | 8162978 | 153 | 13 | 8177083 | 99 | 30 |
| | | | | | | 101 | 3 | |
| 8034197 | 53 | 4 | 8163018 | 151 | 10 | 104 | 12 | |
| 8034198 | 53 | 6 | 8163092 | 42 | 4 | 8177084 | 95 | 12 |
| | | | | | | 96 | 13 | |
| 8034199 | 53 | 5 | 8163156 | 24 | 18 | 99 | 29 | |
| | | | | | | 104 | 16 | |
| 8034200 | 53 | 3 | 8163907 | 144 | 13 | 8197720 | 171 | 28C |
| | | | | 168 | 12 | | | |
| 8034214 | 18 | 9 | | | | 8485097 | 168 | 23 |
| | 19 | 19 | 8163514 | 149 | 2 | 171 | 38A | |
| 8034216 | 19 | 12 | 8163731-1 | 121 | 7 | 8485438 | 127 | 2 |
| 8034218 | 19 | 21 | | | | | | |

| REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. |
|---------------------|-------------------|--------------|---------------------|-------------------|--------------|---------------------|-----------------------|-------------------|
| 118P2094S2 | 171 | 58A | 8002258 | 121 | 16 | 8025049 | 139 | 1 |
| 154982 | 92 | 4 | 8002259 | 121 | 4 | 8025059 | 140 | 2 |
| 20503-10 | 98 | 20 | 8002260 | 121 | 5 | 8025063 | 169 | 5 |
| 22W1630 | 151 | 6 | 8002261 | 120 | 4 | 8025064 | 169 | 6 |
| 400515 | 89 | 4 | 8002261-3 | 120 | 5 | 8025066 | 140 | 1 |
| 402EN1-6 | 171 | 53A | 8002262 | 120 | 7 | 8025069 | 139 | 8 |
| 42C16550 | 151 | 9 | 8002263 | 120 | 6 | 8025082 | 137 | 10 |
| 501527 | 117 | 9 | 8002264 | 120 | 8 | 8025084 | 169 | 3 |
| 51521 | 30 | 2 | 8002265 | 120 | 2 | 8025087 | 137 | 14 |
| 53794 | 81 87 | 7 2 | 8002829 | 99 | 21 | 8025088 | 169 | 7 |
| 554386-6 | 111 | 8 | 8013860 | 120 | 10 | 8025098 | 137 | 12 |
| 554413-2 | 111 | 9 | 8014351 | 152 | 1 | 8025383 | 169 | 4 |
| 562622-1 | 111 | 1 | 8014351-37 | 152 | 5 | 8026258 | 147 169 | 2 2 |
| 586091 | 149 | 13 | 8014351-39 | 152 | 4 | 8026309 | 171 | 34A |
| 587640 | 108 | 4 | 8014352 | 152 | 11 | 8030004 | 137 | 13 |
| 593763 | 20 | 15 | 8014353 | 151 | 2 | 8030005 | 171 | 32A |
| 595195 | 22 | 11 | 8014353-50 | 151 | 4 | 8030041 | 137 | 5 |
| 6000-04-15 | 88 | 3 | 8014355 | 152 | 8 | 8030044 | 137 | 3 |
| 6000-4-11 | 88 | 7 | 8014356 | 152 | 9 | 8030045 | 136 | 1 |
| 6000-4-3 | 88 | 8 | 8014360 | 153 | 2 | 8030846 | 137 | 1 |
| 6000-4-39 | 88 | 5 | 8014361 | 153 | 7 | 8030899 | 171 | 36A |
| 6000-4-4 | 88 | 2 | 8014362 | 153 | 6 | 8030104 | 171 | 35A |
| 60000-4-1 | 88 | 12 | 8014574 | 21 22 156 | 2 8 17 | 8030114 | 19 | 10 |
| 60000-4-6 | 88 | 11 | 8014684 | 58 | 16 | 8030201 | 171 | 37A |
| 61-0542-1 | 141 149 151 | 3 4 13 | 8019893 | 26 | 22 | 8030496 | 95 96 99 103 | 3 5 38 4 |
| 72121-C2216 | 106 | 11 | 8022366 | 151 | 8 | 8030786 | 137 | 7 |
| 7542841 | 4 14 | 10 44 | 8022367 | 151 | 5 | 8030809 | 137 | 4 |
| 7732863 | 171 | 33A | 8022570 | 151 | 3 | 8030810 | 137 | 2 |
| 8002211 | 79 | 11 | 8025012 | 137 | 9 | 8030811 | 136 | 2 |
| 8002246 | 121 | 13 | 8025016 | 137 | 8 | 8030821 | 14 | 41 |
| 8002247 | 121 | 12 | 8025031 | 137 | 18 | 8030879 | 19 | 8 |
| 8002249 | 121 | 1 | 8025043 | 139 | 9 | 8030931 | 137 | 16 |
| 8002250 | 121 121 | 3 15 | 8025044 | 139 169 | 7 11 | 8030932 | 137 | 19 |
| 8002252 | 121 | 2 | 8025045 | 139 140 169 | 5 6 14 | 8030967 | 137 | 11 |
| 8002255 | 120 | 9 | 8025047 | 139 169 | 6 12 | 8030968 | 138 | 6 |
| 8002256 | 120 | 12 | 8025048 | 139 140 | 6 9 | 8030969 | 138 | 2 |
| 8002257 | 120 | 11 | | | | 8030970 | 138 | 1 |
| | | | | | | 8030974 | 170 | 2 |

| REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. |
|---------------------|-------------------|--------------|------------------------|-------------|-------------|---------------------|--|-------------------------------------|
| NAS149DM18 | 19 | 6 | NAS682A3 | 123 | 3 | 10119289 | 163 | 13 |
| NAS1518-4 | 63 | 17 | NAS75-4-008 | 112 | 14 | 10119290 | 163 | 17 |
| NAS1518-6 | 65 | 4 | NAS950-4 | 90 | 5 | 10119293 | 166 | 3 |
| NAS1518-9 | 64 | 7 | NAS960-416L | 34 | 6 | 10119297 | 158 | 8 |
| NAS221-11 | 94 122 | 18 11 | RE65G60R4 | 171 | 128 | 10119298 | 164 | 21 |
| NAS221-8 | 39 47 157 | 1 12 3 | RM52LHA300682-02 | 46 | 4 | 10119302 | 158 | 14 |
| | | | RNC70K1211FS | 171 | 59A | 10119304 | 156 | 16 |
| NAS222-13 | 27 | 13 | RN70D1004F | 171 | 59B | 10119305 | 156 | 22 |
| NAS222-14 | 34 | 5 | RS10-1000HNSPOM3PCT147 | | 4 | 10119306 | 156 | 23 |
| NAS222-4 | 150 | 3 | RW56V201 | 169 | 8 | 10119307 | 158 | 13 |
| NAS222-5 | 157 | 8 | SDBX742C16887 | 152 | 7 | 10119308 | 171 | 238 |
| NAS222-6 | 150 150 157 | 1 2 9 | SK22826-1011 | 108 | 7 | 10119309 | 165 | 21 |
| | | | SK22826-1071 | 108 | 1 | 10119314 | 165 | 20 |
| NAS222-7 | 157 | 5 | SS10W100HNSPOM3PCT | 147 | 5 | 10119316 | 159 | 12 |
| NAS397-8 | 79 | 5 | WS4 | 88 | 1 | 10228114 | 19 | 2 |
| NAS43-3-48 | 84 | 14 | Y13-12 | 88 | 9 | 10228125 | 4 16 | 1 3 |
| NAS43DDO-44 | 171 | 6A | Y13-5 | 88 | 4 | 10228126 | 17 | 2 |
| NAS43DD3-40 | 39 | 19 | Y6000-4-12 | 88 | 10 | 10322489 | 152 | 14 |
| NAS43DD3-44 | 40 76 | 11 6 | Y6000-4-810 | 88 | 6 | 10596841-1 | 99 100 101 101 104 109 110 | 18 32 8 12 6 6 13 |
| NAS43DD3-6 | 80 | 26 | 1M2615 | 171 | 60A | | | |
| NAS463TDD416 | 27 | 5 | 10018805-008 | 98 | 17 | | | |
| NAS464P12A17 | 165 | 2 | 1005688-1 | 111 | 7 | | | |
| NAS509-6 | 114 115 | 3 11 | 1006288-9 | 111 | 5 | 10602050 | 18 19 | 7 17 |
| NAS509-7 | 110 | 12 | 1007092-1 | 111 | 4 | | | |
| NAS513-6 | 114 115 | 10 12 | 1007093 | 111 | 3 | 10602052 | 18 19 | 4 14 |
| NAS549-4 | 30 | 9 | 10119272 | 158 | 15 | 10602056 | 18 | 2 |
| NAS549-716 | 158 | 11 | 10119273 | 165 | 8 | 10602057-2 | 18 19 | 6 16 |
| NAS552-4 | 100 101 | 28 11 | 10119275 | 155 | 1 | | | |
| NAS557-88 | 91 | 32 | 10119276 | 156 | 3 | 10602059 | 18 19 | 5 15 |
| NAS601-46 | 171 | 1F | 10119277 | 158 | 10 | 10602060 | 18 | 1 |
| NAS603-12B | 165 | 9 | 10119277-12 | 164 | 5 | 10602061 | 17 | 1 |
| NAS620-10L | 47 | 11 | 10119278 | 164 | 10 | 10602063 | 18 19 | 3 13 |
| NAS620-416L | 99 100 | 2 4 | 10119279 | 158 | 9 | | | |
| NAS620-5 | 152 | 3 | 10119280 | 161 | 11 | 10606512-3 | 27 65 164 | 18 14 25 |
| NAS620-6 | 98 | 13 | 10119281 | 161 | 1 | | | |
| NAS620A416L | 34 | 4 | 10119282 | 162 | 9 | 10611505-1 | 27 | 7 |
| NAS680A3 | 123 | 4 | 10119284 | 154 | 1 | 10611506 | 27 | 8 |
| | | | 10119285 | 156 | 2 | 10666975 | 3 41 | 5 9 |
| | | | 10119287 | 156 | 7 | 107144 | 152 | 2 |
| | | | 10119288 | 163 | 12 | | | |

| REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. |
|---------------------|-------------|-------------|---------------------|-------------|-------------|---------------------|-------------|-------------|
| MS35674-13 | 131 | 9 | MS51967-8 | 153 | 9 | M8600-20-2 | 120 | 19 |
| | 133 | 7 | | | | | | |
| | 133 | 14 | MS51968-14 | 135 | 9 | M8600-3-3 | 118 | 22 |
| MS35674-19 | 125 | 4 | | 142 | 8 | | 120 | 17 |
| | 126 | 12 | MS51968-5 | 79 | 9 | M8600-3-5 | 120 | 20 |
| | 134 | 10 | | | | | | |
| MS35691-33 | 131 | 29 | MS63040-3 | 128 | 8 | M8600-4M | 118 | 20 |
| | 133 | 21 | MS9025-03 | 93 | 3 | | 120 | 27 |
| MS35691-49 | 130 | 6 | MS90725-108 | 153 | 11 | M8600-7-3 | 120 | 25 |
| MS35691-53 | 125 | 14 | MS90725-111 | 128 | 11 | M8601-3-6A | 118 | 19 |
| | 130 | 17 | MS90725-112 | 129 | 1 | M8601-7-5 | 120 | 32 |
| | 132 | 5 | | 135 | 12 | M8601-7-6A | 120 | 28 |
| MS35691-9 | 125 | 19 | MS90725-114 | 128 | 15 | M8601-7-7 | 120 | 31 |
| | 132 | 11 | MS90725-117 | 152 | 13 | M8601-7-8 | 120 | 30 |
| MS39176-3 | 80 | 4 | MS90725-118 | 131 | 25 | M8700-3-3 | 118 | 23 |
| MS45901-6 | 80 | 13 | MS90725-165 | 126 | 4 | | 120 | 16 |
| | 106 | 3 | | 134 | 4 | M8700-3-4 | 118 | 21 |
| | 108 | 13 | MS90725-172 | 129 | 10 | | 120 | 18 |
| MS45905S10 | 130 | 5 | | 135 | 16 | M8700-7-3 | 120 | 24 |
| MS51023-66 | 26 | 26 | MS90725-176 | 129 | 11 | M8700-7-4 | 120 | 26 |
| MS51023-87 | 124 | 2 | | 135 | 18 | M9601-7-1A | 120 | 29 |
| | 162 | 4 | MS90725-3 | 167 | 12 | M9606-3-1A | 118 | 18 |
| MS51023-95 | 65 | 16 | MS90725-33 | 149 | 5 | M9700-3-1A | 120 | 21 |
| | 164 | 20 | MS90725-36 | 125 | 20 | NAS1003-12A | 142 | 12 |
| MS51095-388 | 145 | 12 | | 128 | 17 | | | |
| | 167 | 14 | MS90725-60 | 132 | 12 | NAS108008 | 63 | 18 |
| MS51099-158 | 126 | 13 | | 152 | 10 | | 64 | 8 |
| | 133 | 5 | MS90725-63 | 153 | 4 | | 65 | 5 |
| MS51922-1 | 127 | 11 | MS90725-70 | 125 | 9 | NAS13C6-8 | 41 | 16 |
| MS51922-17 | 125 | 10 | MS90726-115 | 135 | 6 | NAS1310-21 | 168 | 14 |
| | 131 | 26 | MS90726-116 | 142 | 9 | NAS1310-23 | 144 | 11 |
| | 133 | 25 | MS90726-117 | 131 | 23 | NAS1330508K8161 | 62 | 6 |
| MS51922-33 | 126 | 6 | MS90726-3 | 170 | 17 | NAS133053K8166 | 64 | 3 |
| | 128 | 10 | MS90726-34 | 128 | 20 | NAS1397K3N | 57 | 4 |
| | 129 | 20 | MS90726-43 | 133 | 1 | NAS1397K4N | 37 | 14 |
| | 134 | 6 | MS90726-59 | 167 | 9 | | 57 | 3 |
| | 135 | 19 | MS90726-62 | 170 | 8 | | 102 | 13 |
| MS51922-49 | 126 | 3 | MS90726-64 | 25 | 16 | NAS1397K9N | 91 | 6 |
| | 129 | 7 | MS90726-65 | 167 | 3 | NAS1397P28 | 82 | 13 |
| | 134 | 3 | MS90726-7 | 156 | 6 | NAS1397P6N | 36 | 18 |
| | 135 | 13 | MS90726-85 | 168 | 7 | | 91 | 34 |
| MS51922-9 | 128 | 18 | MS90726-89 | 168 | 17 | NAS1397P8N | 36 | 20 |
| MS51957-17 | 90 | 7 | MS90726-9 | 31 | 3 | | 91 | 38 |
| | 118 | 16 | MS9134-01 | 100 | 2 | NAS1397R5 | 36 | 19 |
| MS51957-43 | 26 | 12 | MS9725-38 | 151 | 12 | | 91 | 33 |
| MS51957-45 | 78 | 12 | | | | NAS1397R7 | 14 | 35 |
| MS51958-62 | 44 | 1 | | | | | 91 | 5 |
| MS51958-63 | 47 | 4 | | | | NAS147-20 | 144 | 5 |
| MS51958-64 | 44 | 9 | | | | NAS1473A4 | 27 | 2 |
| MS51966-65 | 26 | 25 | | | | | | |
| MS51967-2 | 170 | 6 | | | | | | |
| MS51967-5 | 151 | 15 | | | | | | |

| REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. |
|---------------------|-------------|-------------|---------------------|-------------|-------------|---------------------|-------------|-------------|
| MS35206-246 | 91 | 9 | MS35207-269 | 76 | 5 | MS35330-42 | 108 | 5 |
| | 165 | 6 | | 84 | 15 | | 165 | 5 |
| | 171 | 10 | | | | | | |
| MS35206-247 | 36 | 1 | MS35207-282 | 80 | 16 | MS35330-43 | 14 | 21 |
| MS35206-250 | 40 | 9 | MS35223-62 | 92 | 1 | | 14 | 43 |
| MS35206-260 | 24 | 22 | MS35265-30 | 107 | 12 | | 36 | 7 |
| MS35206-267 | 39 | 10 | MS35265-41 | 111 | 2 | | 36 | 23 |
| MS35206-281 | 170 | 5 | MS35265-44 | 106 | 6 | | 38 | 4 |
| MS35206-284 | 170 | 4 | MS35266-63 | 108 | 8 | | 39 | 11 |
| MS35206-332 | 39 | 18 | MS35275-243 | 100 | 21 | | 40 | 7 |
| MS35207-260 | 171 | 1M | MS35276-264 | 79 | 7 | | 58 | 7 |
| MS35207-261 | 14 | 20 | MS35303-64 | 14 | 15 | | 60 | 2 |
| | 58 | 17 | MS35333-37 | 87 | 7 | | 60 | 5 |
| MS35207-262 | 29 | 4 | MS35333-39 | 171 | 31C | | 60 | 11 |
| | 36 | 24 | MS35333-41 | 106 | 20 | | 72 | 2 |
| | 55 | 9 | MS35333-77 | 100 | 14 | | 72 | 15 |
| | 58 | 6 | MS35335-32 | 92 | 2 | | 73 | 5 |
| | 60 | 1 | MS35335-33 | 167 | 13 | | 74 | 7 |
| | 73 | 12 | MS35335-35 | 170 | 18 | | 75 | 3 |
| | 75 | 12 | | 167 | 4 | | 76 | 2 |
| | 78 | 21 | MS35335-36 | 168 | 8 | MS35330-45 | 76 | 8 |
| | 79 | 4 | MS35335-37 | 131 | 3 | | 77 | 2 |
| | 81 | 13 | | 131 | 13 | | 77 | 16 |
| | 99 | 11 | | 131 | 22 | | 78 | 4 |
| | 100 | 18 | | 133 | 8 | | 78 | 13 |
| | 166 | 20 | MS35335-39 | 130 | 7 | | 81 | 12 |
| MS35207-263 | 55 | 2 | MS35330-102 | 80 | 14 | | 83 | 3 |
| | 58 | 18 | | 106 | 2 | | 84 | 6 |
| | 73 | 10 | | 108 | 14 | | 84 | 11 |
| | 78 | 15 | MS35330-136 | 98 | 14 | | 84 | 19 |
| MS35207-264 | 14 | 42 | MS35330-138 | 99 | 10 | | 85 | 10 |
| | 36 | 8 | | 100 | 17 | | 98 | 6 |
| | 38 | 5 | MS35330-39 | 171 | 31B | | 165 | 10 |
| | 40 | 8 | MS35330-40 | 171 | 31A | | 166 | 18 |
| | 60 | 6 | MS35330-41 | 81 | 6 | | | |
| | 60 | 10 | | 87 | 3 | | | |
| | 72 | 14 | | 91 | 20 | | | |
| | 74 | 8 | MS35330-42 | 14 | 8 | | | |
| | 75 | 4 | | 35 | 5 | | | |
| | 75 | 4 | | 36 | 3 | | | |
| | 77 | 1 | | 37 | 16 | | | |
| | 77 | 18 | | 40 | 2 | | | |
| | 77 | 21 | | 41 | 2 | | | |
| | 78 | 3 | | 58 | 2 | | | |
| | 80 | 1 | | 74 | 2 | | | |
| | 80 | 27 | | 75 | 8 | | | |
| | 89 | 6 | | 77 | 7 | | | |
| | 93 | 10 | | 77 | 14 | | | |
| | 99 | 6 | | 78 | 8 | | | |
| | 143 | 11 | | 78 | 18 | | | |
| | 166 | 19 | | 81 | 2 | | | |
| | 168 | 6 | | 82 | 6 | | | |
| MS35207-265 | 76 | 1 | | 82 | 10 | | | |
| | 83 | 8 | | 91 | 8 | | | |
| | 84 | 5 | | | | | | |
| | 84 | 20 | | | | | | |
| | 85 | 11 | | | | | | |
| | 98 | 7 | | | | | | |
| | 143 | 9 | | | | | | |
| | 168 | 3 | | | | | | |
| MS35207-266 | 73 | 6 | | | | | | |
| | 98 | 10 | | | | | | |
| MS35207-268 | 143 | 4 | | | | | | |
| | 168 | 26 | | | | | | |

| REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. | |
|---------------------|---|---|---------------------|-------------------------|--------------------|---------------------|--|--|--|
| MS25183-28-21P | 171 | 20A | MS27183-6 | 56 171 | 13 56 | MS3105-145 | 98 | 6 | |
| MS25183-28-21S | 171 | 168 | MS27183-8 | 141 157 | 1 11 | MS3106E1457S | 171 | 40A | |
| MS25183A16S1S | 171 | 166 | MS27212-1-20 | 91 | 30 | MS3108E16-9P | 37 | 3 | |
| MS25226-2-20 | 91 91 | 25 26 | MS27442-33 | 116 | 11 | MS3134E7-50P | 120 171 | 23 19A | |
| MS25227-1 | 91 | 27 | MS28775-006 | 100 110 | 24 7 | MS3137E3S | 120 | 15 | |
| MS25281R11 | 60 | 12 | MS28775-007 | 110 | 6 | MS3137E7-90S | 171 | 14A | |
| MS25281R2 | 57 | 7 | MS28775-012 | 103 109 110 | 12 4 8 | MS35206-214 | 73 | 2 | |
| MS27130-18K | 87 | 10 | MS28775-111 | 99 103 104 118 | 31 15 4 3 | MS35206-215 | 37 85 91 106 166 171 | 19 17 15 4 4 18 | |
| MS27130-21K | 72 | 3 | MS28775-112 | 112 | 10 | MS35206-216 | 84 85 86 102 171 | 2 1 6 1 18 | |
| MS27130-22K | 122 | 7 | MS28775-211 | 103 | 10 | MS35206-225 | 139 140 | 10 5 | |
| MS27183-10 | 31 127 129 145 167 170 | 4 12 17 4 11 19 | MS28775-221 | 109 | 8 | MS35206-227 | 108 | 18 | |
| MS27183-12 | 52 97 108 116 128 129 133 135 142 149 160 | 7 4 2 4 1 4 2 3 7 6 3 | MS28775-431 | 112 | 4 | MS35206-228 | 29 86 86 | 8 3 11 | |
| MS27183-14 | 14 127 146 153 167 | 12 7 24 3 5 | MS28778-8 | 99 101 | 14 26 | MS35206-229 | 166 171 | 14 1J | |
| MS27183-15 | 131 133 | 27 24 | MS28782-10 | 112 | 9 | MS35206-230 | 56 98 166 | 3 18 5 | |
| MS27183-16 | 168 | 9 | MS28782-11 | 119 | 8 | MS35206-231 | 98 | 15 | |
| MS27183-18 | 128 129 131 131 131 131 133 133 135 152 | 13 21 2 14 21 30 18 22 20 12 | MS28782-20 | 119 | 6 | MS35206-235 | 87 | 1 | |
| MS27183-21 | 129 135 | 8 15 | MS28782-24 | 119 | 4 | MS35206-243 | 91 91 102 | 18 14 10 | |
| MS27183-4 | 14 14 37 61 73 84 85 86 90 91 102 166 171 | 10 32 17 12 8 3 4 5 3 11 2 2 50 | MS28782-26 | 109 118 | 9 18 | MS35206-244 | 24 74 75 77 77 93 | 13 1 7 8 12 5 | |
| | | | MS28782-58 | 112 | 3 | MS35206-245 | 14 24 39 40 41 74 77 106 | 29 2 16 1 6 11 22 18 | |
| | | | MS28809-1 | 100 | 19 | | | | |
| | | | MS28932-1 | 112 | 11 | | | | |
| | | | MS28932C18-00 | 112 | 12 | | | | |
| | | | MS3102R10SL4P | 37 | 2 | MS35206-246 | 14 37 37 41 58 59 78 81 82 82 | 29 2 16 1 1 6 17 1 8 11 | |
| | | | MS3103-165-15 | 171 | 13J | | | | |
| | | | MS3103-18-15 | 171 | 13K | | | | |
| | | | MS3103-28-27S | 171 | 13E | | | | |
| | | | MS3103-20-29P | 171 | 138 | | | | |
| | | | MS3103-20-29S | 171 | 13M | | | | |
| | | | MS3103-22-14S | 171 | 138 | | | | |
| | | | MS3103-28-12S | 171 | 136 | | | | |
| | | | MS3103-28-21P | 171 | 13D | | | | |
| | | | MS3103-28-21S | 171 | 13F | | | | |

| REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. |
|---------------------|-------------|-------------|---------------------|-------------|-------------|---------------------|-------------|-------------|
| MS21919WDG13 | 171 | 48 | MS2440004 | 101 | 7 | MS24694S49 | 62 | 11 |
| MS21919WDG3 | 40 | 5 | | 104 | 7 | | 97 | 2 |
| | 41 | 5 | MS2440006 | 99 | 16 | | 123 | 5 |
| | 58 | 13 | | 104 | 13 | MS24694S5 | 47 | 1 |
| | 99 | 4 | MS2440103 | 40 | 10 | MS24694S50 | 22 | 15 |
| | 118 | 29 | | | | | 23 | 1 |
| MS21919WDG4 | 14 | 24 | MS24402-6 | 96 | 8 | | 25 | 2 |
| | 74 | 10 | | | | | 94 | 16 |
| | 75 | 5 | MS2440206 | 95 | 7 | | 123 | 6 |
| | 85 | 8 | | 96 | 9 | | 164 | 4 |
| MS21919WDG5 | 14 | 27 | MS24621-15 | 56 | 14 | MS24694S51 | 62 | 20 |
| | 55 | 10 | | | | | 77 | 10 |
| | 58 | 4 | MS24621-17 | 57 | 1 | | 164 | 3 |
| | 75 | 1 | | | | | | |
| | 143 | 5 | MS24665-134 | 107 | 17 | MS24694S53 | 124 | 13 |
| | 166 | 11 | | | | | 162 | 8 |
| MS21919WDG6 | 24 | 11 | MS24665-149 | 28 | 5 | | | |
| | 73 | 3 | | 110 | 1 | MS24694S54 | 44 | 16 |
| | 74 | 9 | MS24665-151 | 51 | 14 | MS24694S56 | 26 | 1 |
| | 77 | 4 | | 159 | 15 | MS24694S60 | 43 | 1 |
| | 82 | 1 | | | | MS24694S63 | 29 | 12 |
| | 83 | 10 | MS24665-153 | 50 | 2 | | | |
| | 84 | 8 | | 160 | 11 | | | |
| | 84 | 16 | | | | MS24694S93 | 22 | 1 |
| | 85 | 7 | MS24665-308 | 112 | 22 | | 150 | 9 |
| MS21919WDG7 | 14 | 19 | MS24693C272 | 14 | 13 | MS24694S94 | 22 | 6 |
| | 14 | 28 | | | | | 124 | 7 |
| | 24 | 10 | MS24693S271 | 83 | 6 | MS24694S95 | 63 | 4 |
| | 58 | 12 | | | | | 164 | 9 |
| | 72 | 17 | MS24693S272 | 24 | 9 | MS24694S98 | 124 | 8 |
| | 73 | 14 | | | | | 162 | 11 |
| | 74 | 5 | MS24693S274 | 38 | 13 | MS250-82-1 | 91 | 23 |
| | 75 | 10 | | 171 | 2A | MS25036-101 | 91 | 22 |
| | 83 | 9 | MS24693S275 | 28 | 9 | | 91 | 35 |
| | 84 | 13 | | | | | 91 | 36 |
| | 85 | 6 | MS24693S4 | 14 | 33 | | 171 | 28A |
| | 98 | 4 | | 61 | 2 | MS25036-103 | 36 | 14 |
| | 168 | 27 | | | | MS25036-149 | 36 | 15 |
| MS21919WDG8 | 14 | 25 | MS24693S48 | 108 | 19 | | 37 | 4 |
| | 24 | 16 | | | | MS25036-153 | 171 | 28B |
| | 58 | 8 | MS24693S49 | 93 | 7 | MS25042-22C | 91 | 16 |
| | 77 | 15 | | | | MS25043-20C | 85 | 2 |
| | 78 | 16 | MS24693S50 | 24 | 14 | MS25043-28C | 171 | 25A |
| | 83 | 4 | | 36 | 10 | MS25087-2 | 35 | 6 |
| | 85 | 13 | | 37 | 11 | MS25183-10SL35 | 171 | 16E |
| MS21919WD89 | 14 | 26 | | 38 | 2 | MS25183-14S55 | 171 | 16H |
| | 82 | 4 | | 40 | 17 | MS25183-16S1P | 171 | 20G |
| | 84 | 17 | MS24693S51 | 36 | 5 | MS25183-18-1P | 171 | 20D |
| | 98 | 11 | | | | MS25183-18-1S | 171 | 16D |
| | 143 | 1 | MS24694S100 | 27 | 3 | MS25183-18-4P | 171 | 20C |
| MS21920-74R | 53 | 2 | | 45 | 14 | MS25183-20-29P | 171 | 20E |
| MS21946-6H | 103 | 18 | MS24694S122 | 67 | 1 | MS25183-20-29S | 171 | 16A |
| MS24331-1 | 171 | 538 | | 67 | 8 | MS25183-20-12P | 171 | 20F |
| MS24392D4 | 100 | 33 | | 71 | 7 | | | |
| MS24392D6 | 118 | 4 | MS24694S125 | 161 | 6 | | | |
| MS24393D4 | 37 | 21 | | | | | | |
| MS24394D4 | 101 | 6 | | 67 | 2 | | | |
| | 104 | 8 | | 67 | 7 | | | |
| | 110 | 14 | MS24694S131 | 161 | 5 | | | |
| MS24394S6 | 99 | 33 | | | | | | |
| MS24399D3 | 39 | 2 | MS24694S151 | 136 | 4 | | | |
| MS24400D4 | 99 | 20 | MS24694S48 | 56 | 10 | | | |
| | | | MS24694S49 | 26 | 19 | | | |
| | | | | 57 | 9 | | | |

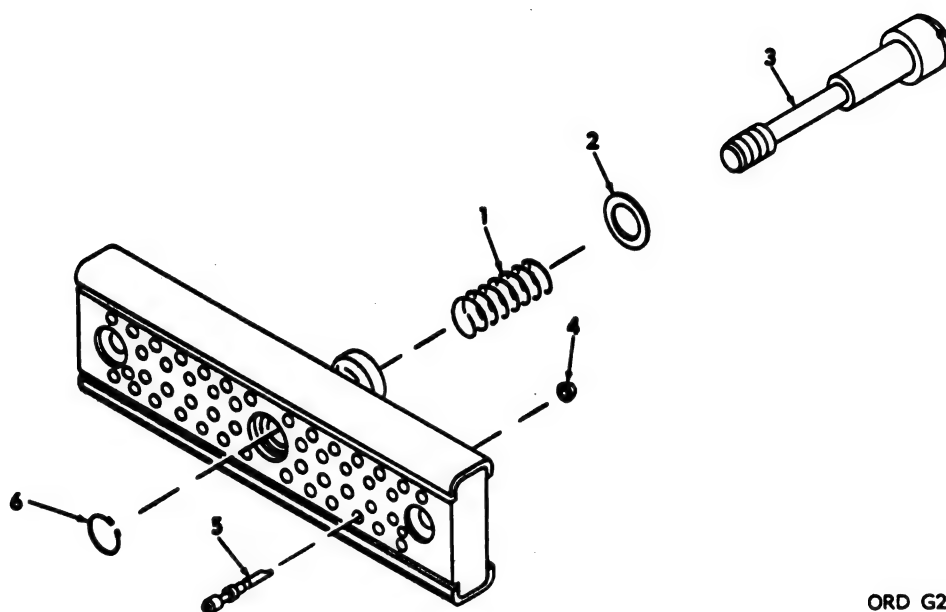
| REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. |
|---------------------|-------------|-------------|---------------------|-------------|-------------|---------------------|-------------|-------------|
| MS20819-6D | 96 | 15 | MS21044N4 | 20 | 12 | MS21083N06 | 171 | 3F |
| | 99 | 27 | | 27 | 11 | | | |
| | 104 | 1A | | 28 | 4 | MS21083N08 | 14 | 18 |
| MS20819-6J | 99 | 37 | | 90 | 9 | | 24 | 7 |
| | 103 | 3 | | 98 | 1 | | 47 | 3 |
| | | | | 100 | 35 | | 58 | 5 |
| MS20995C32 | 51 | 11 | | 146 | 7 | | 59 | 7 |
| | | | | | | | 77 | 19 |
| MS20995C47 | 17 | 3 | MS21044N5 | 97 | 3 | | 91 | 13 |
| | | | | 133 | 3 | | 93 | 1 |
| MS21040L4 | 124 | 10 | | 136 | 5 | | 102 | 12 |
| | 162 | 15 | | 141 | 4 | | 165 | 15 |
| MS21042-3 | 55 | 6 | MS21044N6 | 145 | 1 | MS21083N3 | 14 | 16 |
| | | | | 146 | 16 | | 24 | 4 |
| MS21042-4 | 163 | 15 | | 167 | 17 | | 55 | 7 |
| MS21042L08 | 26 | 16 | MS21044N7 | 51 | 5 | | 79 | 12 |
| | | | | 159 | 5 | | 80 | 11 |
| MS21042L3 | 26 | 3 | | | | | 80 | 19 |
| | 26 | 11 | MS21045-4 | 159 | 11 | | 93 | 8 |
| | 44 | 5 | | | | | 94 | 13 |
| | 122 | 8 | MS21045-5 | 108 | 21 | | 164 | 13 |
| | 128 | 4 | | 149 | 8 | | 171 | 3A |
| | | | MS21045-6 | 130 | 11 | MS21083N4 | 113 | 5 |
| MS21042L5 | 20 | 25 | | | | | 114 | 5 |
| | 156 | 13 | MS21045C4 | 160 | 9 | | 115 | 5 |
| MS21042L6 | 46 | 11 | MS21047L4 | 62 | 12 | MS21083N5 | 51 | 8 |
| | 71 | 11 | | 124 | 11 | | 116 | 1 |
| | 161 | 3 | | 162 | 13 | | 142 | 6 |
| | | | | 164 | 17 | | 159 | 8 |
| MS21044D04 | 37 | 18 | MS21051L4 | 62 | 13 | MS21208C0820 | 14 | 4 |
| | | | | 124 | 5 | | | |
| MS21044D3 | 94 | 6 | | 162 | 5 | MS21208F4-15 | 42 | 5 |
| | 94 | 11 | | 164 | 19 | | 112 | 17 |
| MS21044N04 | 14 | 31 | | | | MS21208F6-15 | 42 | 3 |
| | 61 | 11 | MS21055L5 | 122 | 16 | | 46 | 10 |
| | 73 | 7 | | 163 | 4 | MS21209F1-15 | 112 | 16 |
| | 84 | 4 | | | | | 117 | 8 |
| | 85 | 3 | MS21059L3 | 46 | 6 | | | |
| | 86 | 4 | | 62 | 19 | | | |
| | 90 | 2 | | 93 | 14 | MS21209F4-20 | 112 | 15 |
| | 91 | 12 | | 164 | 2 | | | |
| | 102 | 3 | | | | MS21318-15 | 125 | 8 |
| | 106 | 8 | MS21059L4 | 80 | 23 | | 132 | 3 |
| | 166 | 1 | | 163 | 8 | | | |
| | 171 | 3D | MS21059L5 | 122 | 13 | MS21318-27 | 170 | 1 |
| | 171 | 3G | | | | | | |
| MS21044N06 | 83 | 16 | MS21059L6 | 25 | 13 | MS219190G10 | 168 | 5 |
| | 85 | 16 | | | | | | |
| | 91 | 3 | MS21061L3 | 86 | 9 | MS219190G12 | 171 | 4A |
| | 98 | 19 | | 93 | 15 | | | |
| | 139 | 2 | | | | MS219190G15 | 143 | 10 |
| | 140 | 8 | MS21061L4 | 80 | 25 | | | |
| | 166 | 15 | | 90 | 31 | MS219190G4 | 94 | 9 |
| | 169 | 9 | | 122 | 14 | | 99 | 5 |
| | 171 | 38 | | 163 | 6 | | 168 | 25 |
| | 171 | 3H | | | | | | |
| MS21044N08 | 36 | 12 | MS21078-4 | 63 | 14 | MS219190G6 | 94 | 3 |
| | 37 | 13 | | 164 | 7 | | 94 | 10 |
| | 38 | 7 | | | | | 99 | 3 |
| | 39 | 13 | MS21080-4 | 63 | 5 | | 99 | 7 |
| | 40 | 16 | | 164 | 13 | MS21919WDG10 | 36 | 9 |
| | 78 | 7 | | | | | 73 | 11 |
| MS21044N3 | 34 | 10 | MS21083D10 | 47 | 10 | | 76 | 4 |
| | 44 | 14 | | | | | 82 | 9 |
| | 83 | 12 | MS21083D3 | 100 | 10 | | 93 | 11 |
| | 99 | 9 | MS21083D6 | 97 | 12 | MS21919WDG11 | 82 | 12 |
| | 137 | 15 | | | | | | |
| | 141 | 13 | MS21083N06 | 56 | 5 | MS21919WDG12 | 24 | 3 |
| | 143 | 3 | | 86 | 7 | | 60 | 4 |
| | 168 | 1 | | 92 | 7 | | 82 | 3 |
| | | | | 102 | 9 | | 166 | 17 |
| | | | | 166 | 8 | | | |

| REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. |
|---------------------|-------------|-------------|---------------------|-------------|-------------|---------------------|-------------|-------------|
| AN960PD416 | 28 | 3 | MS16625-1068 | 103 | 24 | MS20426AD3-8 | 124 | 6 |
| AN960PD416L | 27 | 12 | MS16633-1050 | 131 | 20 | | 162 | 6 |
| AN960PD6L | 171 | 5H | MS16997-31 | 14 | 7 | MS20426AD3-9 | 27 | 1 |
| AN960PD716L | 37 | 22 | MS16998-96 | 19 | 5 | | 45 | 8 |
| BA485U | 4 | 2 | MS171572 | 50 | 8 | | 62 | 15 |
| | 80 | 6 | | 160 | 15 | | 164 | 18 |
| B3414 | 107 | 20 | MS171603 | 170 | 13 | MS20426AD4-10 | 44 | 13 |
| CA3100ER10SL3P | 106 | 7 | MS20007-6 | 146 | 15 | MS20426AD4-5 | 23 | 5 |
| DN9606-3P | 118 | 17 | MS20002C10 | 144 | 12 | | 44 | 21 |
| FI967-4 | 45 | 15 | | 168 | 13 | | 63 | 19 |
| GAP4005G | 4 | 3 | MS20002C5 | 48 | 2 | | 68 | 5 |
| | 79 | 14 | | 198 | 6 | MS20426AD4-7 | 123 | 12 |
| GA10424 | 3 | 7 | MS20002C6 | 146 | 13 | | 26 | 20 |
| GA18756 | 3 | 8 | MS20002C7 | 144 | 3 | MS20426AD4-8 | 26 | 23 |
| G2207R7 | 172 | 4 | MS20003-2 | 127 | 13 | | 45 | 18 |
| G249871 | 172 | 2 | MS20005-11 | 158 | 5 | | 122 | 18 |
| G249872 | 172 | 6 | MS20009H11 | 48 | 3 | | 163 | 5 |
| G311029 | 172 | 5 | MS20006H17 | 146 | 12 | MS20426AD4-9 | 44 | 23 |
| LSS5MILG3278 | 22 | 7 | MS20007-19 | 144 | 2 | MS20426AD6-10 | 122 | 5 |
| MILC13777-2-090675 | 168 | 21 | MS20074-04-05 | 149 | 20 | MS20426AD6-12 | 62 | 16 |
| MS122088 | 126 | 10 | MS20074-06-07 | 49 | 3 | | 65 | 6 |
| | 134 | 9 | | 158 | 4 | | 65 | 1 |
| MS124662 | 125 | 12 | MS20341-516A | 80 | 15 | | 66 | 6 |
| | 135 | 11 | | 106 | 1 | | 123 | 14 |
| | | | | 108 | 15 | MS20426A3-4 | 61 | 10 |
| MS124695 | 45 | 11 | MS20392-2C17 | 28 | 7 | | 93 | 13 |
| MS124739 | 45 | 2 | MS20392-3C27 | 51 | 11 | MS20426A4-5 | 24 | 20 |
| MS15022 | 170 | 15 | | 159 | 10 | MS20426B4-12 | 25 | 14 |
| MS15795-707 | 110 | 2 | MS20392-3C41 | 98 | 21 | MS20426B4-7 | 64 | 12 |
| MS15795-713 | 22 | 10 | MS20392-6C41 | 125 | 18 | | 66 | 7 |
| | | | | 132 | 9 | MS20426B6-12 | 26 | 4 |
| MS15795-808 | 21 | 5 | MS20426AD3-10 | 45 | 13 | MS20427-4C9 | 19 | 11 |
| | 47 | 5 | | | | | | |
| | 128 | 5 | MS20426AD3-5 | 46 | 7 | MS20470A3-16 | 99 | 3 |
| | 156 | 20 | | 61 | 4 | | | |
| MS15795-818 | 50 | 3 | | 80 | 22 | MS20470A3-3 | 30 | 15 |
| | 160 | 12 | | 80 | 32 | MS20601AD4W5 | 122 | 15 |
| MS15795-822 | 165 | 1 | | 122 | 17 | | 163 | 18 |
| | | | | 123 | 1 | | | |
| MS16562-123 | 107 | 21 | | 124 | 3 | | | |
| | | | | 163 | 7 | MS20819-3D | 40 | 13 |
| MS16562-250 | 144 | 7 | MS20426AD3-6 | 45 | 4 | | 40 | 19 |
| | | | | 45 | 6 | | 41 | 12 |
| MS16562-39 | 26 | 6 | | 46 | 3 | MS20819-4 | 39 | 6 |
| | | | | 62 | 1 | | | |
| MS16562-62 | 156 | 24 | | 62 | 10 | MS20819-4D | 99 | 28 |
| | | | | 63 | 15 | | 101 | 4 |
| MS16624-1075 | 151 | 7 | | 64 | 1 | | 104 | 11 |
| | | | | 93 | 12 | | | |
| MS16624-1106 | 116 | 9 | | 124 | 4 | MS20819-4J | 101 | 18 |
| | | | | 162 | 12 | | | |
| MS16624-1206 | 116 | 10 | | 164 | 1 | MS20819-6 | 95 | 4 |
| | 117 | 12 | MS20426AD3-7 | 22 | 3 | | 96 | 4 |
| | | | | 46 | 2 | MS20819-6D | 95 | 13 |

| REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. |
|---------------------|-------------|-------------|---------------------|-------------|-------------|---------------------|-------------|-------------|
| AN690-R | 47 | 2 | AN960-10L | 55 | 5 | AN960-616L | 34 | 2 |
| AN7-11A | 51 | 1 | | 55 | 8 | | 41 | 18 |
| | 159 | 1 | | 72 | 16 | | 49 | 4 |
| AN7-13A | 30 | 3 | | 73 | 4 | | 71 | 3 |
| AN743-12 | 65 | 2 | | 74 | 6 | | 97 | 11 |
| | 94 | 17 | | 75 | 2 | | 158 | 3 |
| | 143 | 8 | | 76 | 3 | | 161 | 2 |
| | 169 | 4 | | 76 | 9 | AN960-716 | 51 | 4 |
| AN815-4 | 109 | 7 | | 77 | 3 | | 145 | 11 |
| AN815-6J | 103 | 5 | | 77 | 17 | | 159 | 4 |
| AN816-3D | 40 | 14 | | 78 | 5 | | 167 | 15 |
| | 40 | 20 | | 78 | 14 | | | |
| | 41 | 15 | | 79 | 3 | AN960-8 | 100 | 22 |
| AN818-4C | 101 | 17 | | 80 | 2 | | 106 | 5 |
| AN818-4D | 39 | 5 | | 80 | 18 | AN960-8L | 14 | 6 |
| | 99 | 26 | | 81 | 11 | | 24 | 6 |
| | 101 | 5 | | 83 | 2 | | 36 | 2 |
| | 104 | 10 | | 84 | 7 | | 36 | 11 |
| AN818-6 | 95 | 5 | | 84 | 12 | | 36 | 8 |
| | 96 | 3 | | 84 | 18 | | 37 | 12 |
| AN818-6C | 99 | 36 | AN960-3L | 61 | 7 | | 37 | 8 |
| | 103 | 2 | | 93 | 9 | | 37 | 12 |
| AN818-6D | 95 | 14 | AN960-416 | 94 | 7 | | 38 | 8 |
| | 96 | 14 | | 94 | 12 | | 39 | 14 |
| | 99 | 25 | | 98 | 5 | | 40 | 3 |
| | 104 | 17 | | 99 | 8 | | 41 | 3 |
| AN824-3D | 41 | 7 | | 100 | 16 | | 58 | 3 |
| AN827-6 | 95 | 6 | | 166 | 12 | | 59 | 5 |
| AN833-6 | 118 | 26 | | 171 | 58 | | 74 | 3 |
| AN833-6D | 99 | 17 | | | | | 75 | 9 |
| | 104 | 14 | | | | | 77 | 6 |
| AN837-6 | 118 | 1 | | | | | 77 | 13 |
| AN837-6J | 104 | 2 | | | | | 78 | 9 |
| AN924-6 | 100 | 8 | | | | | 78 | 11 |
| | 118 | 2 | | | | | 78 | 19 |
| AN924-6J | 99 | 32 | | | | | 81 | 8 |
| | 104 | 3 | | | | | 82 | 7 |
| AN929-6J | 96 | 7 | | | | | 91 | 7 |
| AN960-PD716 | 79 | 10 | | | | | 93 | 2 |
| AN960-10 | 79 | 13 | | | | | 102 | 11 |
| | 94 | 5 | | | | | 108 | 6 |
| | 143 | 2 | | | | | 165 | 4 |
| | 168 | 2 | | | | | 171 | 58 |
| | 171 | 5A | | | | | | |
| AN960-10L | 14 | 17 | AN960-416L | 98 | 2 | AN960-816 | 136 | 7 |
| | 24 | 5 | | 100 | 36 | | | |
| | 28 | 6 | | 112 | 7 | AN960C416 | 52 | 3 |
| | 29 | 3 | | 113 | 4 | | 146 | 6 |
| | 36 | 6 | | 114 | 6 | | 160 | 6 |
| | 36 | 22 | | 115 | 4 | AN960C416L | 43 | 3 |
| | 37 | 6 | | 149 | 21 | | 100 | 26 |
| | 38 | 3 | | 156 | 5 | | 101 | 22 |
| | 39 | 11 | | 163 | 14 | | 101 | 28 |
| | 40 | 6 | | | | | | |
| | 44 | 6 | | | | | | |
| | 55 | 3 | | | | | | |
| | | | AN960-516 | 25 | 5 | | | |
| | | | | 136 | 6 | | | |
| | | | AN960-516L | 20 | 26 | | | |
| | | | | 116 | 2 | AN960C516L | 29 | 9 |
| | | | | 156 | 14 | | 158 | 1 |
| | | | AN960-6L | 56 | 4 | | | |
| | | | | 57 | 2 | AN960C616L | 25 | 15 |
| | | | | 83 | 15 | | 46 | 12 |
| | | | | 85 | 15 | | | |
| | | | | 86 | 8 | AN960D2 | 171 | 5F |
| | | | | 86 | 12 | AN960D8 | 118 | 24 |
| | | | | 91 | 2 | | | |
| | | | | 91 | 21 | AN960D8L | 26 | 15 |
| | | | | 91 | 24 | | | |
| | | | | 92 | 6 | AN960PD10L | 26 | 2 |
| | | | | 98 | 16 | | 26 | 10 |
| | | | | 102 | 8 | | 100 | 11 |
| | | | | 108 | 17 | | 171 | 5J |
| | | | | 166 | 7 | | | |
| | | | | 171 | 5C | AN960PD1016 | 20 | 21 |
| | | | | | | | 156 | 9 |
| | | | AN960-616 | 144 | 9 | | | |
| | | | | 145 | 2 | AN960PD3 | 30 | 17 |
| | | | | 168 | 15 | | | |
| | | | AN960-616L | 20 | 4 | AN960PD3L | 29 | 7 |

SECTION IV. NUMERICAL INDEX

| REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. | REFERENCE NUMBER | FIG. NO. | ITEM NO. |
|---------------------|-------------|-------------|---------------------|-------------|----------------|---------------------|-------------|-------------|
| AN174-12A | 113 | 1 | AN4-11A | 112 | 8 ³ | AN5-7A | 158 | 2 |
| | 114 | 1 | | | | | 160 | 2 |
| | 115 | 3 | AN4-13A | 20 | 7 | AN501-1-5 | 120 | 1 |
| AN174-13A | 114 | 12 | AN4-23A | 163 | 10 | AN502-10-12 | 72 | 1 |
| | 115 | 6 | AN4-24A | 20 | 6 | | 118 | 31 |
| AN174-15A | 113 | 3 | AN4-37A | 163 | 11 | AN502-416-24 | 146 | 10 |
| | 114 | 7 | | | | AN503-8-10 | 118 | 25 |
| | 115 | 7 | AN4-4A | 34 | 8 | AN509-416R38 | 71 | 6 |
| AN174-20A | 114 | 8 | | 101 | 21 | | | |
| | 115 | 2 | | 145 | 3 | AN509-416R5 | 22 | 2 |
| AN175-14A | 116 | 5 | | 146 | 11 | AN515-2R6 | 171 | 1E |
| AN175-16A | 116 | 6 | AN4-5A | 34 | 7 | AN515-4-22 | 171 | 1C |
| AN177-5A | 30 | 10 | | 163 | 16 | AN520-10R11 | 83 | 1 |
| | 158 | 12 | AN4-6A | 43 | 4 | | 84 | 10 |
| AN3-3A | 94 | 1 | AN4-7A | 52 | 6 | AN526-1032R7 | 166 | 10 |
| | 94 | 8 | | 160 | 7 | AN526-632R8 | 83 | 14 |
| | 157 | 10 | AN4CH10 | 80 | 12 | | 85 | 14 |
| AN3-4A | 76 | 7 | AN4DD447A | 107 | 15 | AN526-632R9 | 171 | 1A |
| | 94 | 19 | | | | AN526-832R4 | 58 | 11 |
| | 128 | 9 | AN4H5A | 100 | 25 | AN5650428H10 | 19 | 20 |
| | 141 | 2 | | 101 | 27 | AN6-10A | 34 | 3 |
| AN3-5A | 79 | 16 | | 109 | 11 | | 146 | 22 |
| | 94 | 14 | | 118 | 6 | AN6-11A | 144 | 10 |
| AN3-6A | 94 | 2 | | 119 | 13 | | 168 | 16 |
| | 128 | 6 | AN4H6A | 99 | 1 | AN6-12A | 14 | 9 |
| AN3C3A | 21 | 6 | | 100 | 3 | AN6-13A | 71 | 4 |
| | 156 | 21 | AN4062-11 | 152 | 16 | | 161 | 10 |
| AN3C4A | 44 | 8 | AN43BC6A | 28 | 2 | AN6-7A | 97 | 10 |
| AN3C6A | 37 | 10 | AN44-5 | 51 | 10 | AN6227-59 | 138 | 5 |
| AN3H5A | 100 | 12 | AN44-14 | 71 | 2 | AN6227B36 | 111 | 10 |
| | 117 | 2 | AN5-10A | 25 | 4 | AN6227B58 | 138 | 4 |
| AN3J.. | 50 | 7 | AN5-13A | 97 | 5 | AN62884 | -- | -- |
| | 160 | 17 | AN5-5A | 128 | 3 | | | |
| AN3J.. | 107 | 18 | AN5-6A | 29 | 13 | | | |
| AN3432-6-10 | 87 | 6 | | 149 | 7 | | | |
| AN3432 | 52 | 2 | AN5-7A | 29 | 10 | | | |
| | | | | 52 | 4 | | | |



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- | | | |
|---|----------------------|----|
| 1 | SPRING 9981373..... | 1 |
| 2 | WASHER G249871..... | 1 |
| 3 | SCREW 9981372..... | 1 |
| 4 | RING G220787..... | 48 |
| 5 | CONTACT G311029..... | 48 |
| 6 | RING G249872..... | 1 |

FIGURE 172. CONNECTOR, PLUG, ELECTRICAL /9033947/
/SEE FIGURE 174 FOR NEXT HIGHER ASSEMBLY/

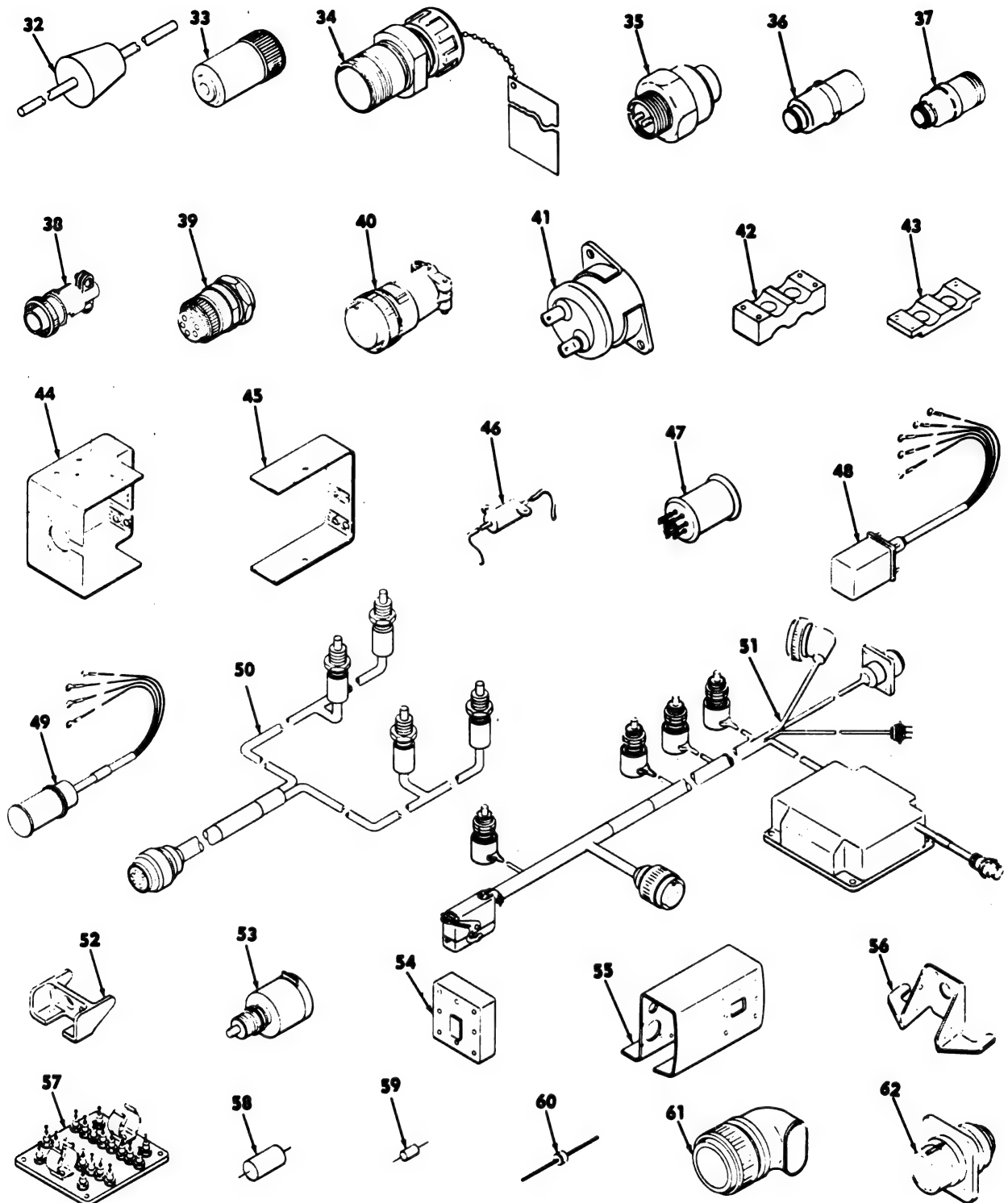
[illegible]

LEAD, CABLE OR WIRING HARNESS APPLICATION

| LEAD, CABLE OR HARN. NO. | PART NO. | FOR NEXT HIGHER ASSEMBLY SEE FIG. | ITEM NUMBER AND QUANTITY | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|----------|--|--------------------------|---|---|----|----|---|---|---|-------|---|---|---|----|---|---|---|-------------------------------|---|---|---|---|---|--|--|
| | | | 13 | | | | | | | | 14 | | | | 15 | | | | 16 | | | | | | | |
| | | | D | E | F | G | H | J | K | L | A | B | C | D | A | B | C | D | A | B | C | D | E | | | |
| 18 | 9028010 | 83 | | | | 1 | | | | | | | | | | | | | | | | | | | | |
| 19 | 9028011 | 84 | | | | | 1 | | | | | | | | | | | | | | | | | | | |
| 20 | 9028021 | 85 | | | | | | 1 | | | | | | | | | | | | | | | | | | |
| 21 | 9028410 | 84 | | | | | | | 1 | | | | | | | | | | | | | | | | | |
| 22 | 9032013 | 87 | | | | | | | | | 1 | | | | | | | | | | | | | | | |
| 23 | 9028408 | 75 | | | | | | | | 1 | | | | | | | | | | | | | | | | |
| 24 | 9032014 | 87 | | | | | | | | | 1 | | | | | | | | | | | | | | | |
| 25 | 9020715 | 14 | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 26 | 9019922 | 98 | | | | | | | | | | | | | | | 1 | | | | | | | 1 | | |
| | | | 16 | | | | | | | | 20 | | | | | | | | 21 22 23 24 25 26 | | | | | | | |
| | | | F | G | H | A | A | B | A | A | B | C | D | E | F | G | A | A | A | B | A | A | A | | | |
| 27 | 9979465 | 60 | | | | | | | | | 1 | | | | | | | 1 | 1 | | | | | 1 | | |
| 28 | 9979466 | 60 | | | | | | | | | | 1 | | | | | | | | 1 | | 1 | 2 | | | |
| 29 | 10119309 | 165 | | | | | | | | | | | | | | | | | | | 1 | 1 | 2 | | | |
| 30 | 8530418 | 58 | | | | | | 1 | | | | | | | 1 | | | | | | | | | | | |
| 31 | 9028003 | 75 | 2 | 1 | 1 | | | | | | | | | | | | | 1 | | | | | | | | |
| 32 | 9028001 | 78 | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| 33 | 9028260 | 55 & 165 | | | | | 1 | | | | | | | | | | | | | | | | | | | |
| 34 | 9032013 | 57 | | | | | | 4 | | 1 | | | | | | | | | | | | | | | | |
| 35 | 9028408 | 75 | | 1 | | | | | | | | | 1 | 1 | | | | | | | | | | | | |
| 36 | 9032014 | 57 | | | | | | 4 | | 1 | | | | | | | | | | | | | | | | |
| 37 | 9019922 | 98 | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| 38 | 9978712 | 61 | | | | | | | 1 | | | | | | | | | | | | | | | | | |
| | | | 27 | | | | | | | | 29 30 | | | | | | | | 32 33 34 35 36 37 38 39 40 41 | | | | | | | |
| | | | A | B | A | B | C | A | A | A | B | C | A | A | A | A | A | A | A | A | A | A | A | B | | |
| 1 | 9020714 | 14 | | | | | | | | | | | 8 | | | | | | | | | | | | | |
| 5 | 9079466 | 60 | | | | 16 | | | | 1 | 4 | | | | | | | | | | | | | | | |
| 6 | 9049720 | 80 | | | | 50 | | | | | | 2 | | | | | | | | | | | | | | |
| 9 | 9028003 | 75 | | | | | | | | | | | | | | | | | | | 1 | | | | | |
| 10 | 9019903 | 98 | 4 | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | 9028260 | 55 & 165 | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| 13 | 9019904 | 83 | | | | | 31 | | | | | | | | | | | | | | | | | | | |
| 14 | 9019905 | 86 | | | | | 17 | | | | | | | | | | | | | | | | | | | |
| 15 | 9019906 | 85 | | | | | 26 | | | | | | | | | | | | | | | | | | | |
| 16 | 9028007 | 83 | | | | | 23 | | | | | | | | | | | | | | | | | | | |
| 17 | 9028009 | 83 | | | | | 24 | | | | | | | | | | | | | | | | | | | |

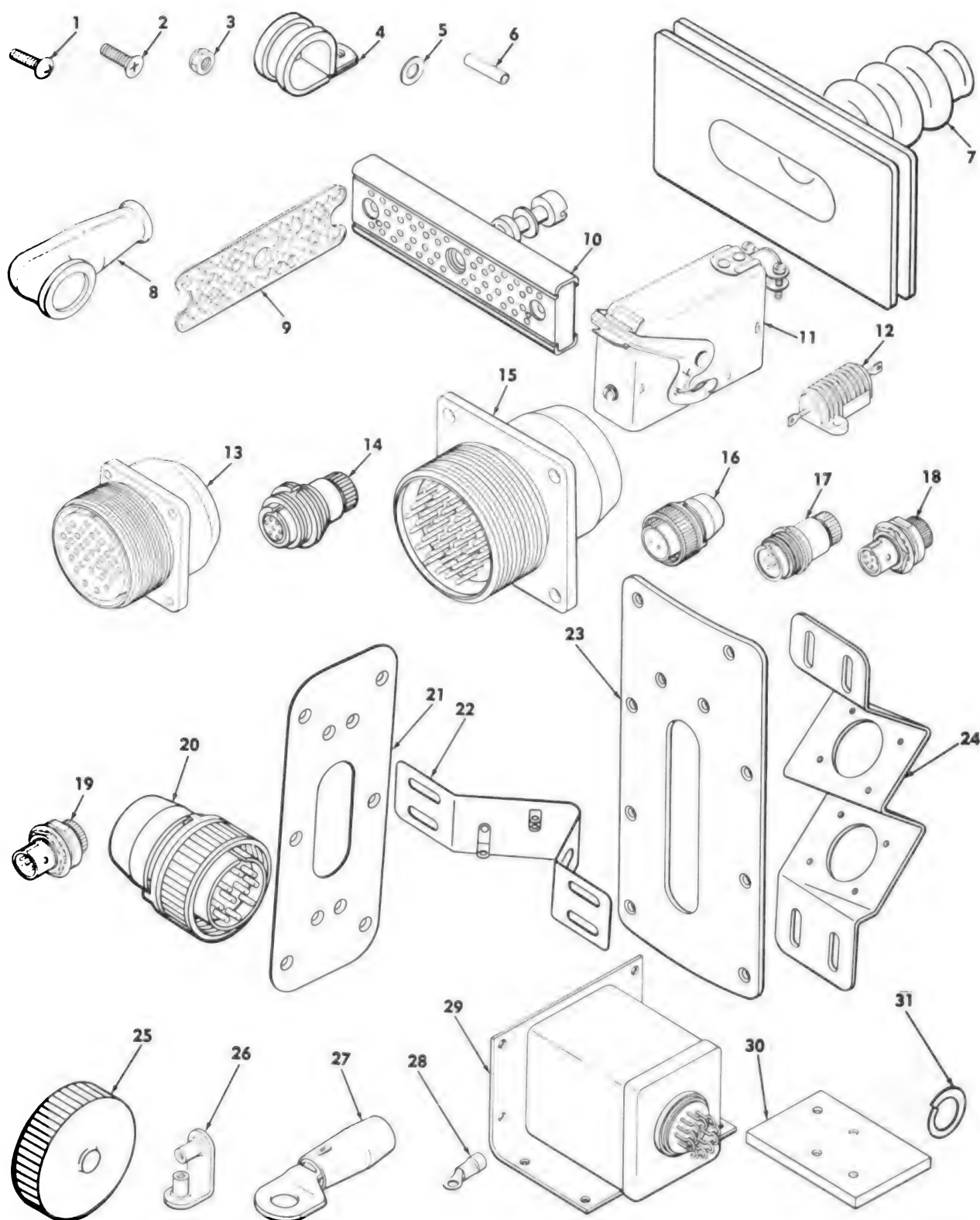
LEAD, CABLE OR WIRING HARNESS APPLICATION

| LEAD, CABLE OR HARN. NO. | PART NO. | FOR NEXT HIGHER ASSEMBLY SEE FIG. | ITEM NUMBER AND QUANTITY | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|----------|-----------------------------------|--------------------------|---|---|---|---|---|---|---|---|---|----|---|---|---|----|---|---|---|----|---|----|--|----|---|----|--|--|
| | | | 1 | | | | | | | | | | 2 | | 3 | | | | | | 4 | | 5 | | | | | | |
| | | | A | B | C | D | E | F | G | H | J | A | A | B | C | D | E | F | G | H | A | B | A | | | | | | |
| 1 | 9020714 | 14 | | 4 | | | | | | 4 | 8 | 4 | | | | | | | 8 | 4 | | | | | | | | | |
| 2 | 9979465 | 60 | 2 | | | 1 | | | | | | | 10 | 6 | | | | | | | 2 | 1 | 6 | | | | | | |
| 3 | 9979466 | 60 | 8 | | | | | | | | | | 12 | 4 | 8 | | | | | | | | 2 | | | | | | |
| 4 | 8530408 | 38 | | 4 | | | | | | | | | | | | | 4 | | | | | | | | | | | | |
| 5 | 9019804 | 85 | | | 4 | | | | | | | | | | | | 4 | | | | | | | | | | | | |
| 6 | 9019720 | 86 | | | | | 2 | 4 | | | | | | | | | 4 | 2 | 4 | | | | | | | | | | |
| 7 | 10119309 | 165 | 8 | | | | | | | | | | 12 | 4 | 8 | | | | | | | | | | | | | | |
| | | | 5 | | | | | | | | | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | 12 | | 13 | | |
| | | | B | C | D | E | F | G | H | J | A | A | B | A | A | A | A | B | A | E | A | B | C | | | | | | |
| 1 | 9020714 | 14 | | | 8 | | | | | 4 | 8 | | | | | | | | 1 | | | | | | | | | | |
| 2 | 9979465 | 60 | | | | 1 | | | | | | | 1 | | | 1 | 1 | | | | | | | | | | | | |
| 3 | 9979466 | 60 | 2 | 8 | | | | | | | | | 1 | | | | | | | | | | | | | 1 | | | |
| 4 | 8530408 | 38 | | | 4 | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 5 | 9019804 | 85 | | | 4 | | | | | | 4 | | | | | | | | | 4 | | | | | | | | | |
| 6 | 9019720 | 86 | | | 4 | | 2 | 8 | | | | | | | | | | | | | | | | | | | | | |
| 7 | 10119309 | 165 | 4 | 8 | | | | | | | | | | 1 | | | | | | | | | | | | | | | |
| 8 | 8530418 | 58 | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| 9 | 9028003 | 75 | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| 10 | 9019903 | 98 | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | |
| 13 | 9019684 | 83 | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| 14 | 9019685 | 86 | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| 15 | 9019686 | 83 | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| 16 | 9028007 | 85 | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| | | | 13 | | | | | | | | | | 14 | | | | 15 | | | | 16 | | | | | | | | |
| | | | D | E | F | G | H | J | K | L | A | B | C | D | A | B | C | D | A | B | C | D | E | | | | | | |
| 1 | 9020714 | 14 | | | | | | | | | | | | | | | 1 | | | 1 | | | | | | | | | |
| 2 | 9979465 | 60 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | |
| 3 | 9979466 | 60 | | | | | | | | | | | | | | | 1 | | | | | | | | | 1 | | | |
| 4 | 8530408 | 38 | | | | | | | | | | | | | | | | 1 | | | | | | | | 1 | | | |
| 5 | 9019804 | 85 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 10119309 | 165 | | | | | | | | | | | | | | | 1 | | | | | | | | | 1 | | | |
| 8 | 8530418 | 58 | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| 11 | 9028001 | 78 | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| 12 | 9028260 | 55 & 165 | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| 15 | 9019686 | 83 | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| 17 | 9028009 | 83 | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | |



ORD G336928

FIGURE 171. WIRING HARNESSES AND CABLE ASSEMBLIES
/SEE PAGES 3-163 THRU 3-165 FOR ITEM NUMBER AND QUANTITY PER HARNESS AND ASSEMBLIES/

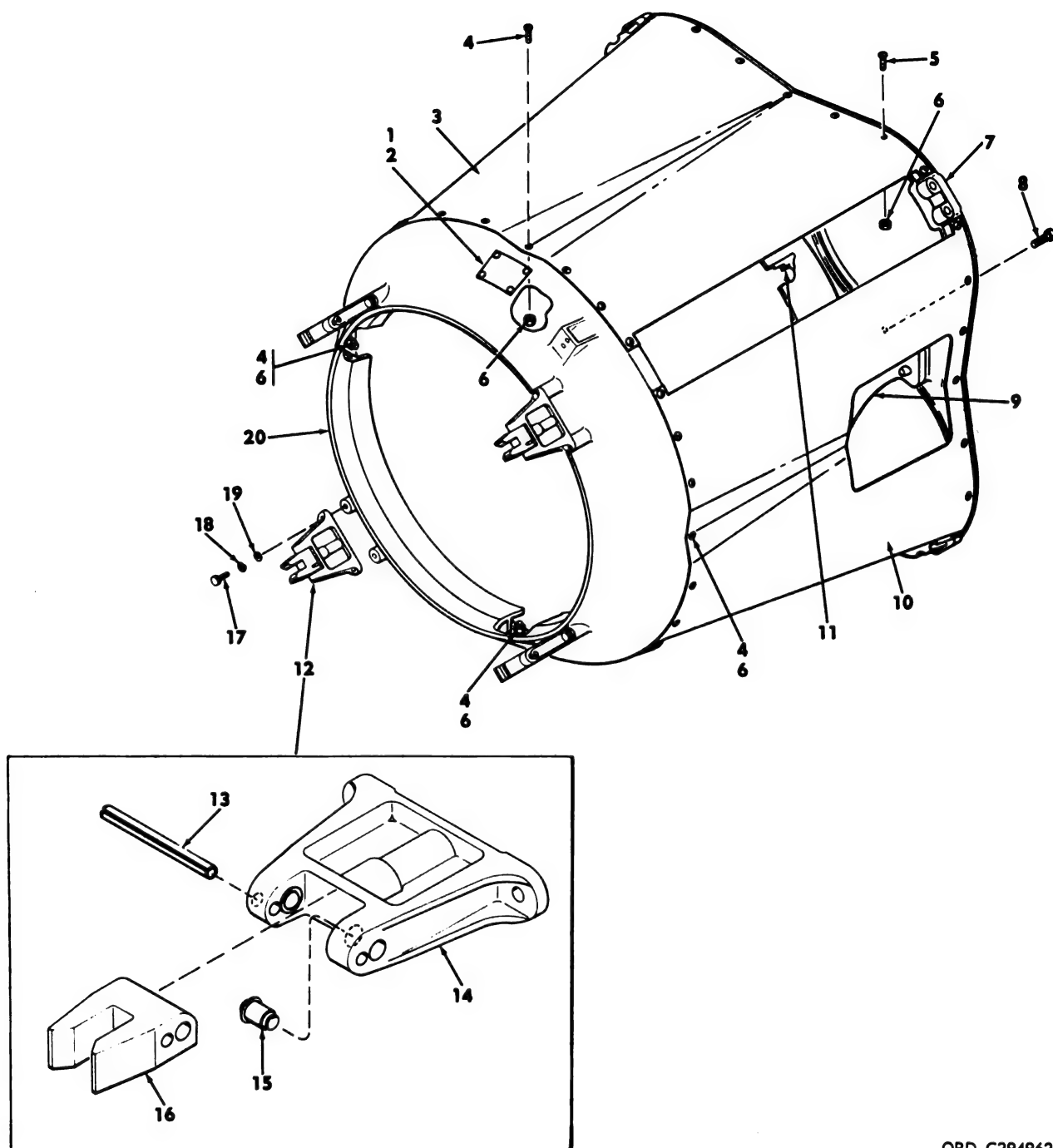


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FIGURE 171. WIRING HARNESSES AND CABLE ASSEMBLIES
/SEE PAGES 3-163 THRU 3-165 FOR ITEM NUMBER AND QUANTITY PER HARNESS AND ASSEMBLIES/

| | | | | | | | | |
|----------------------------|--------------|-------------------|-----|------------------|---------------------|-----|-------------------------|-------------------|
| 1A | SCREW | AN526-632P9..... | 13H | CONNECTOR | MS3103-20-29S.... | 28A | TERMINAL | MS25036-101..... |
| 1B | SCREW | MS35206-216..... | 13J | CONNECTOR | MS3103-16S-1S.... | 28B | TERMINAL | MS25036-153..... |
| 1C | SCREW | AN515-4-22..... | 13K | CONNECTOR | MS3103-18-1S.... | 28C | TERMINAL | 9197720..... |
| 1D | SCREW | MS35206-246..... | 13L | CONNECTOR | 9020690..... | 29A | DELAY ASSEMBLY | 9029414..... |
| 1E | SCREW | AN515-2R6..... | 14A | CONNECTOR | MS3137E7-50S.... | 30A | PLATE | 9029110..... |
| 1F | SCREW | NAS601-46..... | 14B | CONNECTOR | 9020689..... | 31A | WASHER | MS35339-47..... |
| 1G | SCREW | MS35206-215..... | 14C | CONNECTOR | 9020687..... | 31B | WASHER | MS35339-39..... |
| 1H | SCREW | MS35207-260..... | 14D | CONNECTOR | 9018252..... | 31C | WASHER | MS35339-39..... |
| 1J | SCREW | MS246935274..... | 15A | CONNECTOR | 9026135..... | 32A | INSULATOR | 8030005..... |
| 2A | SCREW | MS246935274..... | 15B | CONNECTOR | MS3103-20-29P.... | 33A | ACCESSORY | 7732863..... |
| 3A | NUT | MS21083N3..... | 15C | CONNECTOR | 9022047..... | 34A | PLUG | 8026309..... |
| 3B | NUT | MS21044N06..... | 15D | CONNECTOR | MS3103-28-21P.... | 35A | CONNECTOR | 8030104..... |
| 3C | NUT | MS35649-242..... | 16A | CONNECTOR | MS25183-20-29S..... | 36A | CONNECTOR | 8030099..... |
| 3D | NUT | MS21044N04..... | 16B | CONNECTOR | MS25183-28-21S..... | 37A | PLUG | 8030201..... |
| 3E | NUT | MS35649-222..... | 16C | CONNECTOR | 9026726..... | 38A | CONNECTOR | 8485097..... |
| 3F | NUT | MS21083N06..... | 16D | CONNECTOR | MS25183-18-1S.... | 39A | CONNECTOR | 9020691..... |
| 3G | NUT | MS21044N04..... | 16E | CONNECTOR | MS25183-10SL3S..... | 40A | CONNECTOR | MS3106F14575..... |
| 3H | NUT | MS21044N06..... | 16F | CONNECTOR | 902616A..... | 41A | THERMOSTAT | 9978711..... |
| 4A | CLAMP | MS219190G12..... | 16G | CONNECTOR | MS25183-16S1S.... | 41B | THERMOSTAT | 9032032..... |
| 4B | CLAMP | MS219190G13..... | 16H | CONNECTOR | MS25183-14S4S.... | 42A | SUPPORT | 9019700..... |
| 5A | WASHER | AN960-10..... | 17A | CONNECTOR | 9020686..... | 43A | SUPPORT | 9019701..... |
| 5B | WASHER | AN960-10L..... | 18A | CONNECTOR | 9020689..... | 44A | SUPPORT ASSEMBLY | 9019702..... |
| 5C | WASHER | AN960-8L..... | 18B | CONNECTOR | 9020730..... | 45A | SUPPORT | 9019699..... |
| 5D | WASHER | MS27183-4..... | 19A | CONNECTOR | MS3134F7-50P..... | 46A | RESISTOR | 9019838..... |
| 5E | WASHER | AN960-8L..... | 20A | CONNECTOR | MS25183-28-21P..... | 47A | RELAY | 9026728..... |
| 5F | WASHER | AN960D2..... | 20B | CONNECTOR | 9026506..... | 48A | WIRING HARNESS | 9019679..... |
| 5G | WASHER | MS27183-6..... | 20C | CONNECTOR | MS25183-18-4P.... | 49A | WIRING HARNESS | 9019680..... |
| 5H | WASHER | AN960PD6L..... | 20D | CONNECTOR | MS25183-18-1P.... | 49B | WIRING HARNESS | 9019691..... |
| 5J | WASHER | AN960PD10L..... | 20E | CONNECTOR | MS25183-20-29P..... | 49C | WIRING HARNESS | 9019682..... |
| 6A | SPACER | NAS430D0-44..... | 20F | CONNECTOR | MS25183-28-12P..... | 49D | WIRING HARNESS | 9019693..... |
| 7A | ROOT | 9028335..... | 20G | CONNECTOR | MS25183-16S1P.... | 50A | WIRING HARNESS | 9020712..... |
| 7B | ROOT | 9028336..... | 21A | ROOT ASSEMBLY | 8530470..... | 51A | WIRING HARNESS | 9020711..... |
| 8A | CABLE NIPPLE | 9978543..... | 22A | BRACKET ASSEMBLY | 8521088..... | 52A | BRACKET | 9020698..... |
| 9A | GASKET | 9028455..... | 23A | ROOT | 8521097..... | 53A | SWITCH | 402FNI-8..... |
| 10A | CONNECTOR | 9033947..... | 23B | ROOT | 10119308..... | 53B | SWITCH | MS24331-1..... |
| SEE FIGURE 172 FOR DETAILS | | | 24A | BRACKET | 8530412..... | 54A | SWITCH ASSEMBLY | 9030028..... |
| 11A | CONNECTOR | 9157605-13..... | 25A | COVER | MS25043-28C..... | 55A | BRACKET | 9020705..... |
| 11B | CONNECTOR | 9191910..... | 26A | BRACKET | 9019631..... | 56A | BRACKET | 9019942..... |
| 12A | RESISTOR | 9033863..... | 27A | TERMINAL | 9018799..... | 57A | TERMINAL BOARD ASSEMBLY | 9020710..... |
| 12B | RESISTOR | RF65G60R4..... | 27B | TERMINAL | 9018798..... | 58A | CAPACITOR | 11AP20594S2..... |
| 13A | CONNECTOR | 9026136..... | | | | 59A | RESISTOR | RNC70R1211FS..... |
| 13B | CONNECTOR | MS3103-22-14S.... | | | | 59B | RESISTOR | RN7001004F..... |
| 13C | CONNECTOR | 9018694..... | | | | 60A | DIODE | 1N2615..... |
| 13D | CONNECTOR | 9026153..... | | | | 61A | CONNECTOR | 9978101..... |
| 13E | CONNECTOR | MS3103-20-27S.... | | | | 62A | CONNECTOR | 9018326..... |
| 13F | CONNECTOR | MS3103-28-21S.... | | | | | | |
| 13G | CONNECTOR | MS3103-28-12S.... | | | | | | |

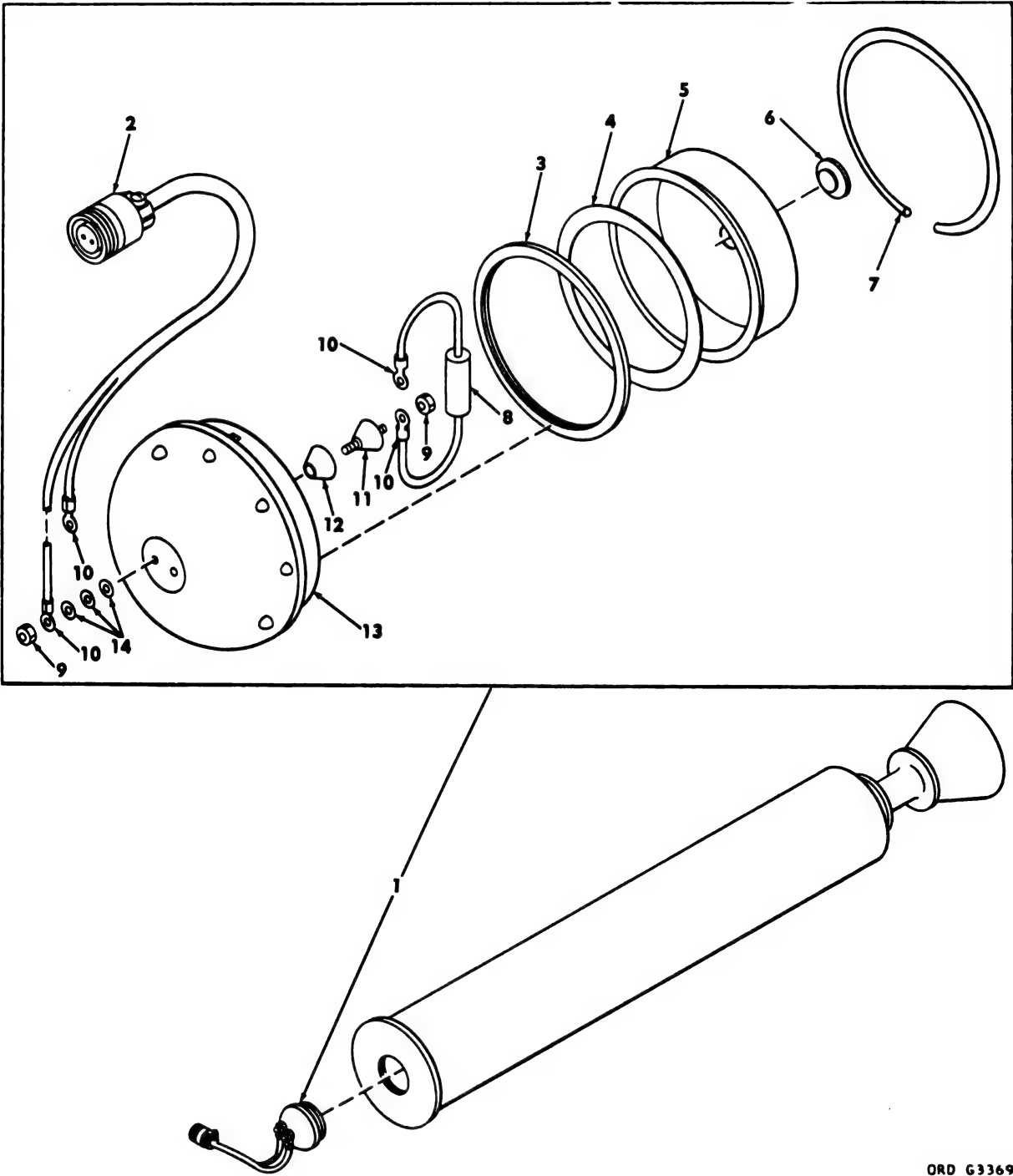
FIGURE 171. WIRING HARNESSES AND CABLE ASSEMBLIES
/SEE PAGES 3-163 THRU 3-165 FOR ITEM NUMBER AND QUANTITY PER HARNESS AND ASSEMBLIES/



ORD G294962

| | | | | | |
|---|--------------------------|----|---------------------------------------|----|-------------------------|
| 1 | SCREW MS21318-27.....4 | 8 | SCREW MS90726-62.....4 | 14 | BRACKET 8030982.....1 |
| 2 | PLATE 8030974.....1 | 9 | PEDESTAL 8030993.....1 | 15 | CATCH MS15022.....1 |
| 3 | FAIRING 8030992-2.....2 | 10 | FAIRING 8030992-1.....2 | 16 | FORK 8030981.....1 |
| 4 | SCREW MS35206-284.....4 | 11 | RUBBER STRIP 8030988.....3 | 17 | SCREW MS90726-3.....8 |
| 5 | SCREW MS35206-281.....52 | 12 | ELEVON LOCK ASSEMBLY 8030983.....4 | 18 | WASHER MS35335-33.....8 |
| 6 | NUT MS51967-2.....54 | 13 | PIN MS171603.....1 | 19 | WASHER MS27183-10.....8 |
| 7 | BASE PLATE 8030991.....1 | | | 20 | RING 8030989.....1 |

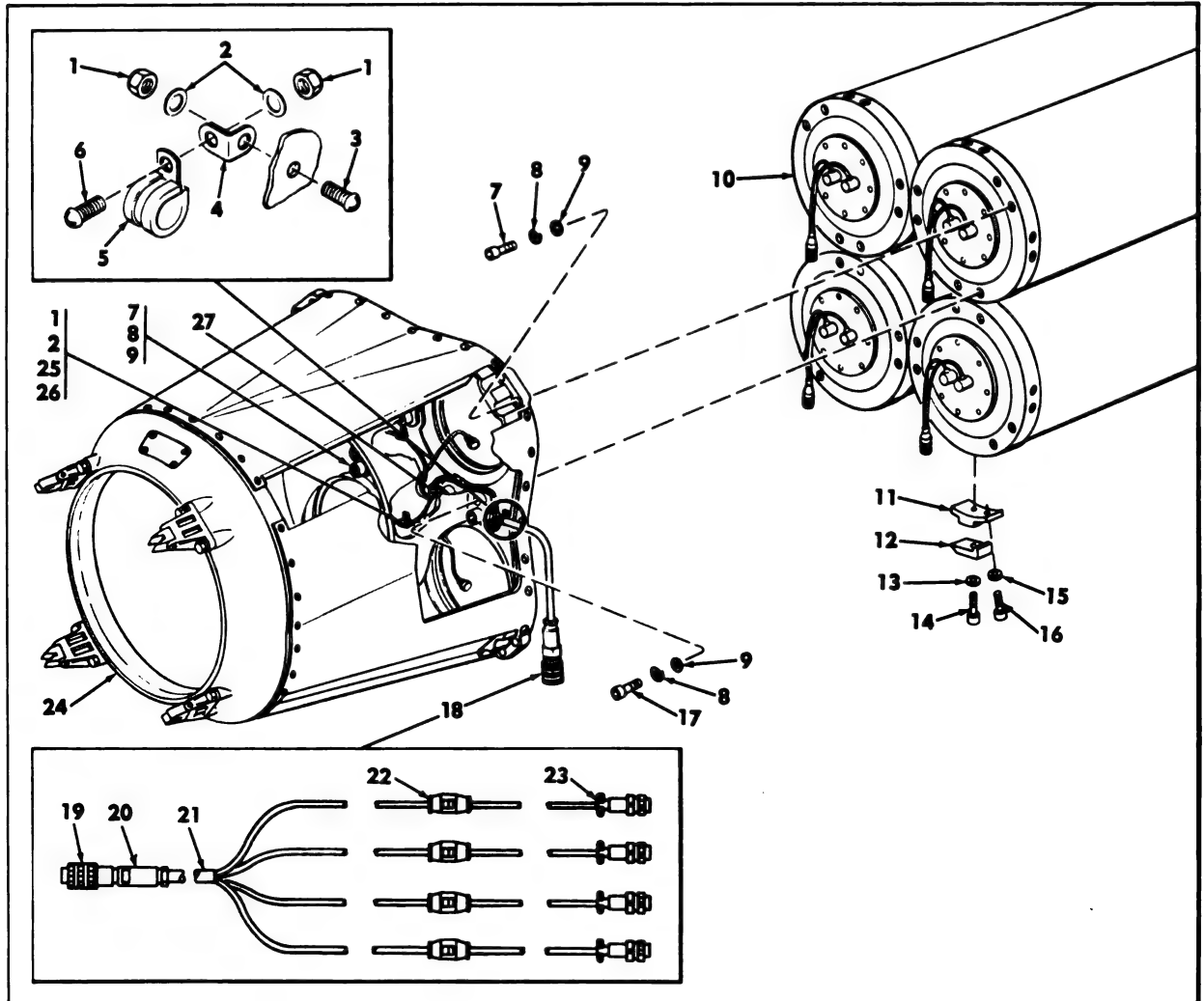
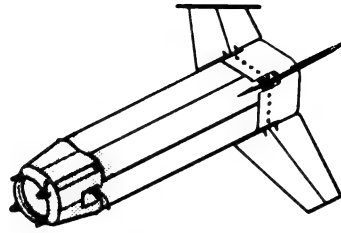
FIGURE 170. FITTING ASSEMBLY, THRUST, BOOSTER /8030994/
/SEE FIGURE 168 FOR NEXT HIGHER ASSEMBLY/



ORD G336917

| | | | | | |
|---|--------------------------------|----|--------------------------|----|----------------------------|
| 1 | IGNITER ASSEMBLY 8030990.....1 | 6 | PLUG 8025064.....1 | 11 | BOLT 8025144.....2 |
| 2 | CONNECTOR 8026258.....1 | 7 | RING 8025088.....1 | 12 | INSULATOR 8025047.....2 |
| 3 | GROMMET 8025084.....1 | 8 | RESISTOR RW56V201.....1 | 13 | IGNITER HEAD 8031031.....1 |
| 4 | GASKET 8025383.....1 | 9 | NUT MS21044N06.....4 | 14 | GASKET 8025045.....6 |
| 5 | CUP 8025063.....1 | 10 | TERMINAL MS35436-4.....4 | | |

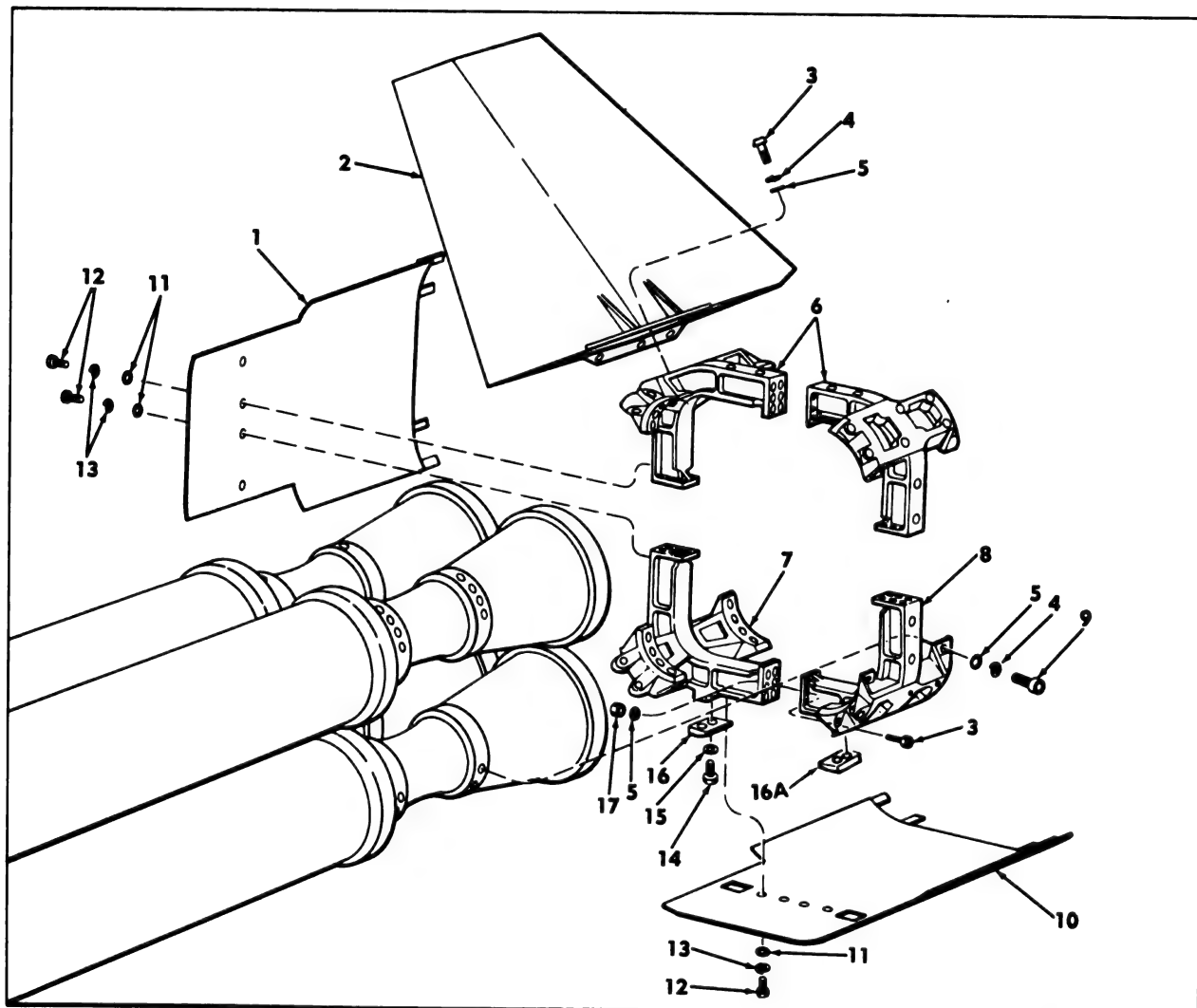
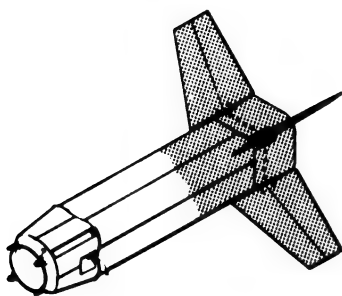
FIGURE 169. ROCKET MOTOR, TRAINING FOR M29 TRAINER, ASSEMBLY /8030986/
/SEE FIGURE 168 FOR NEXT HIGHER ASSEMBLY/



ORD G336916

- | | | | | | |
|----|----------------------------|----|-------------------------------|----|--------------------------------|
| 1 | NUT MS21044N3.....5 | 11 | SLIPPER ASSEMBLY #525861....2 | 20 | ADAPTER #527376.....1 |
| 2 | WASHER AN960-10.....5 | 12 | BAR #163507.....2 | 21 | CABLE MILC13777-2-090675.....* |
| 3 | SCREW MS35207-265.....1 | 13 | WASHER MS20002C10.....2 | 22 | SWITCH 8030996.....4 |
| 4 | BRACKET AN743-12.....1 | 14 | BOLT NAS1310-21.....2 | 23 | CONNECTOR 8485097.....4 |
| 5 | CLAMP MS21919DG10.....1 | 15 | WASHER AN960-616.....2 | 24 | FITTING ASSEMBLY 8030994.....1 |
| 6 | SCREW MS35207-264.....1 | 16 | BOLT AN6-11A.....2 | | SEE FIGURE 170 FOR DETAILS |
| 7 | SCREW MS90726-85.....16 | 17 | SCREW MS90726-89.....8 | 25 | CLAMP MS21919DG64.....2 |
| 8 | WASHER MS53335-36.....24 | 18 | HARNES ASSEMBLY 8030984.....1 | 26 | SCREW MS35207-268.....3 |
| 9 | WASHER MS271R3-16.....24 | 19 | CONNECTOR #526826.....1 | 27 | CLAMP MS21919DG07.....2 |
| 10 | ROCKET MOTOR 8030986.....4 | | | | |
| | SEE FIGURE 169 FOR DETAILS | | | | |

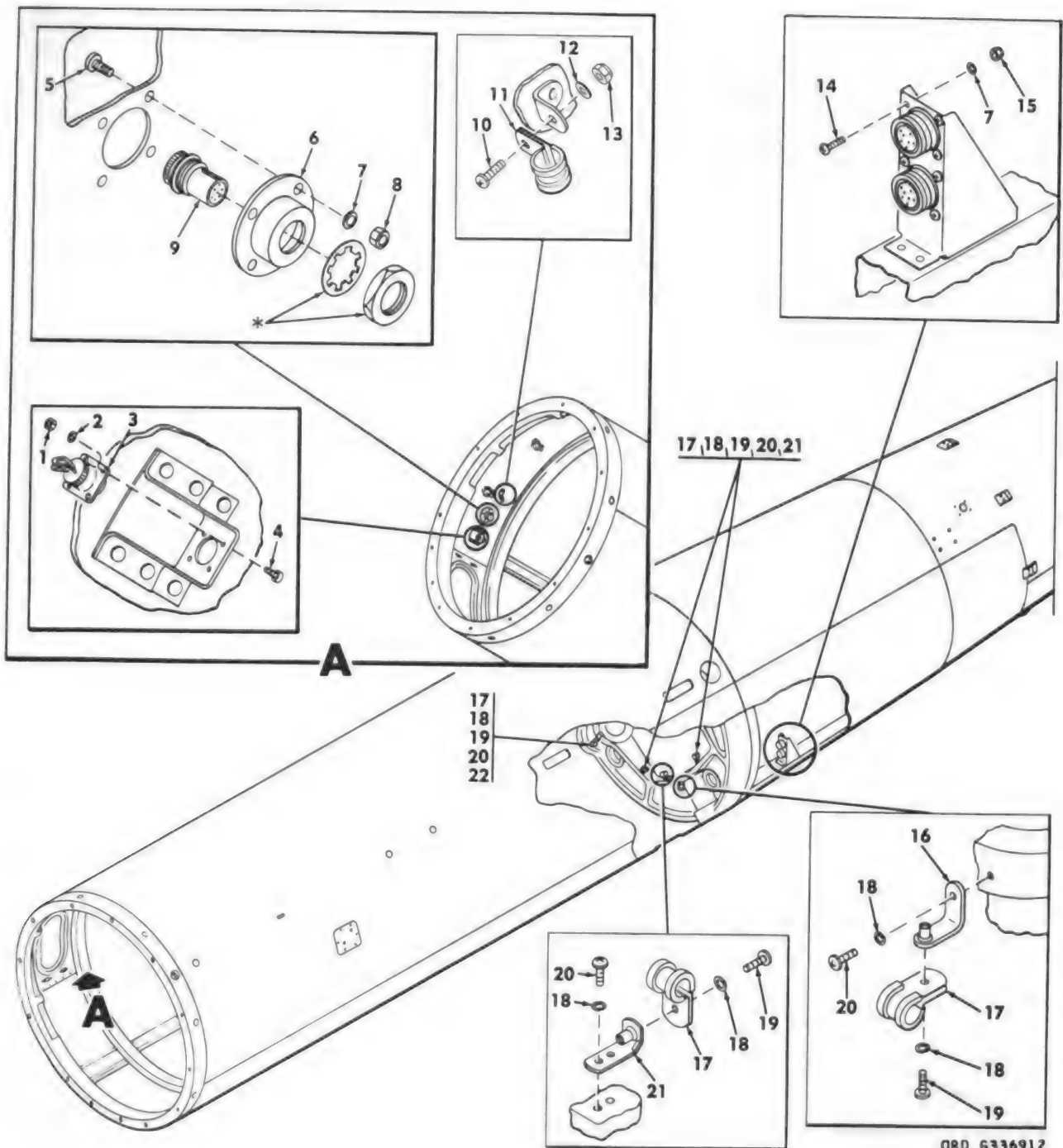
FIGURE 16A. ROCKET MOTOR CLUSTER, TRAINER, M29 /8030977/



ORD G294960

| | | |
|------------------------------|-----------------------------|-----------------------------|
| 1 FAIRING 8030976-2.....3 | 7 FITTING 8030985-1.....1 | 13 WASHER MS35335-33.....16 |
| 2 FIN ASSEMBLY 8030978.....4 | 8 FITTING 8030985-2.....1 | 14 SCREW MS51095-38A.....4 |
| 3 SCREW MS90726-65.....4A | 9 SCREW MS90726-59.....32 | 15 WASHER AN960-716.....4 |
| 4 WASHER MS35335-35.....56 | 10 FAIRING 8030976-1.....1 | 16 PLATE 9978991-2.....1 |
| 5 WASHER MS27183-14.....80 | 11 WASHER MS27183-10.....16 | 16A PLATE 9978991-1.....1 |
| 6 FITTING 8030985-3.....2 | 12 SCREW MS90725-3.....16 | 17 NUT MS21044N6.....24 |

FIGURE 167. ROCKET MOTOR CLUSTER, TRAINER, M29 /8030977/

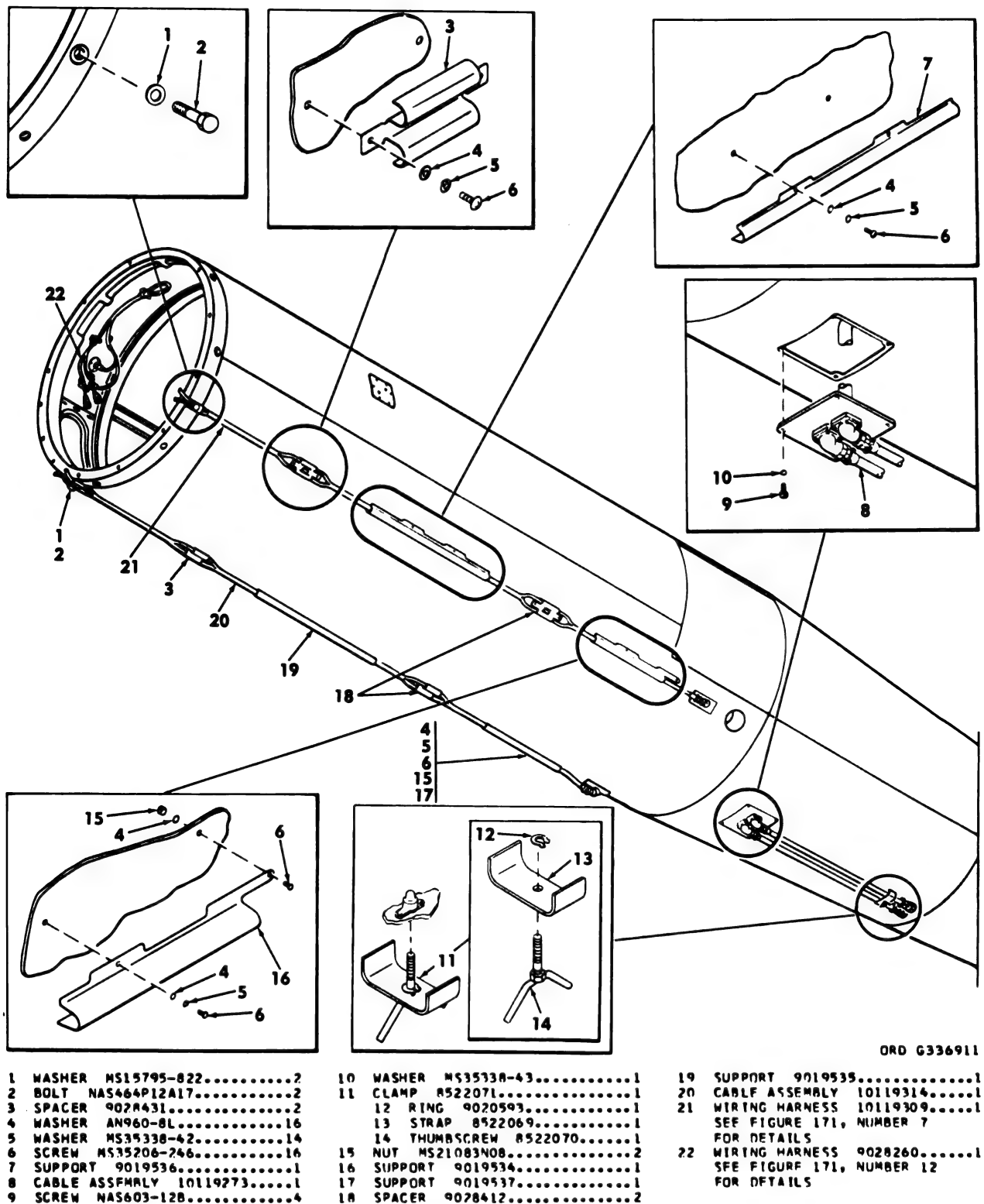


ORD 6336912

| | | |
|---------------------------------|-----------------------------|----------------------------|
| 1 NUT MS21044N04.....4 | 10 SCREW AN526-1032R7.....1 | 19 SCREW MS35207-264.....5 |
| 2 WASHER MS271A3-4.....4 | 11 CLAMP MS21919WDG5.....1 | 20 SCREW MS35207-262.....8 |
| 3 DUMMY CONNECTOR 10119293....1 | 12 WASHER AN960-101.....1 | 21 BRACKET 9028057.....3 |
| 4 SCREW MS35206-215.....4 | 13 NUT MS21083N7.....1 | 22 BRACKET 9028320.....1 |
| 5 SCREW MS35206-230.....4 | 14 SCREW MS35206-229.....8 | |
| 6 HOUSING 9031246.....1 | 15 NUT MS21044N06.....8 | |
| 7 WASHER AN960-6L.....12 | 16 BRACKET 9028058.....1 | |
| 8 NUT MS21083N06.....4 | 17 CLAMP MS21919WDG12.....5 | |
| 9 CONNECTOR 9018300.....1 | 18 WASHER MS35338-43.....13 | |

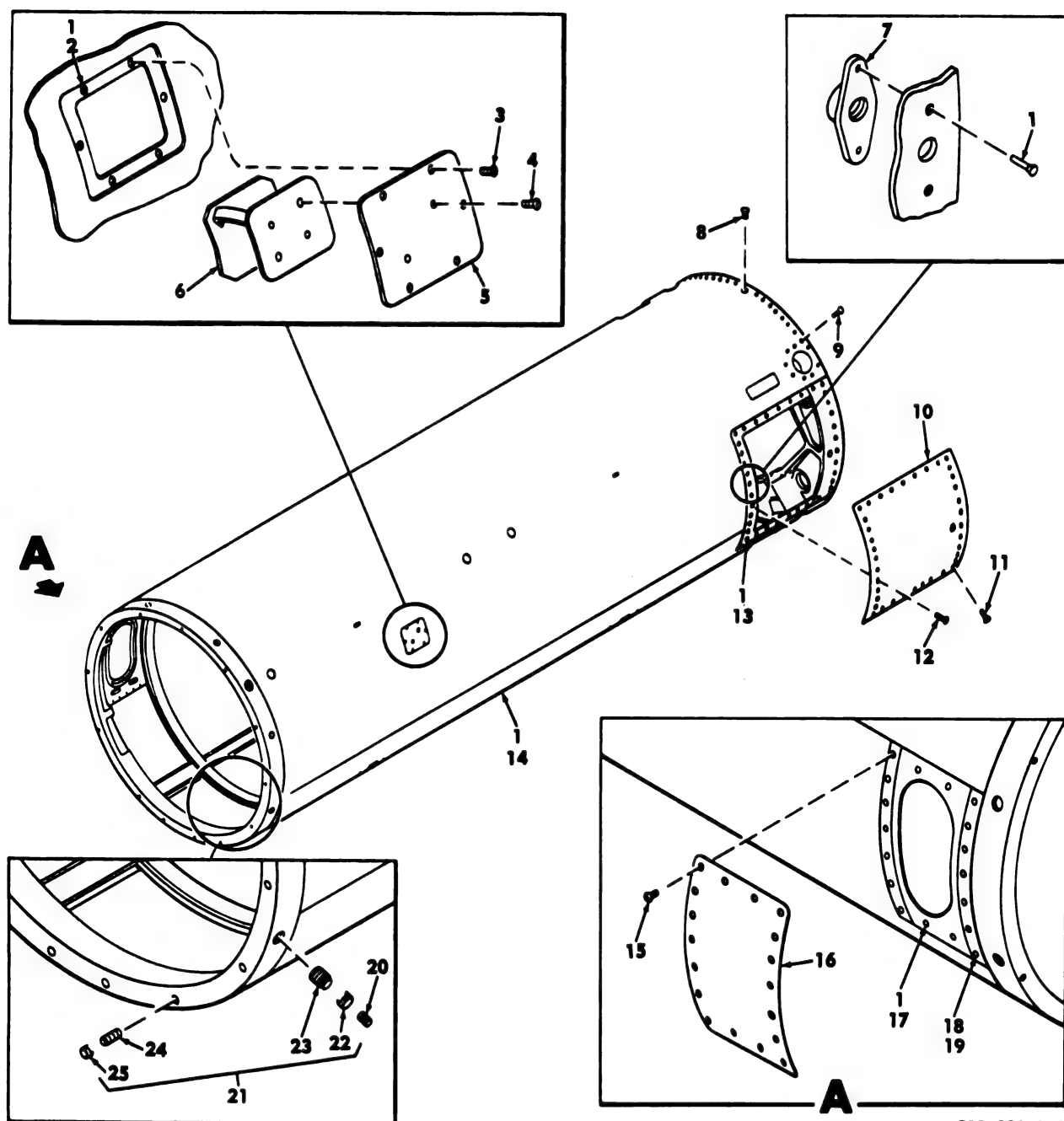
* FURNISHED WITH ITEM 9

FIGURE 166. ELECTRICAL INSTALLATION, TRAINER, GUIDED MISSILE /10119272/



ORD G336911

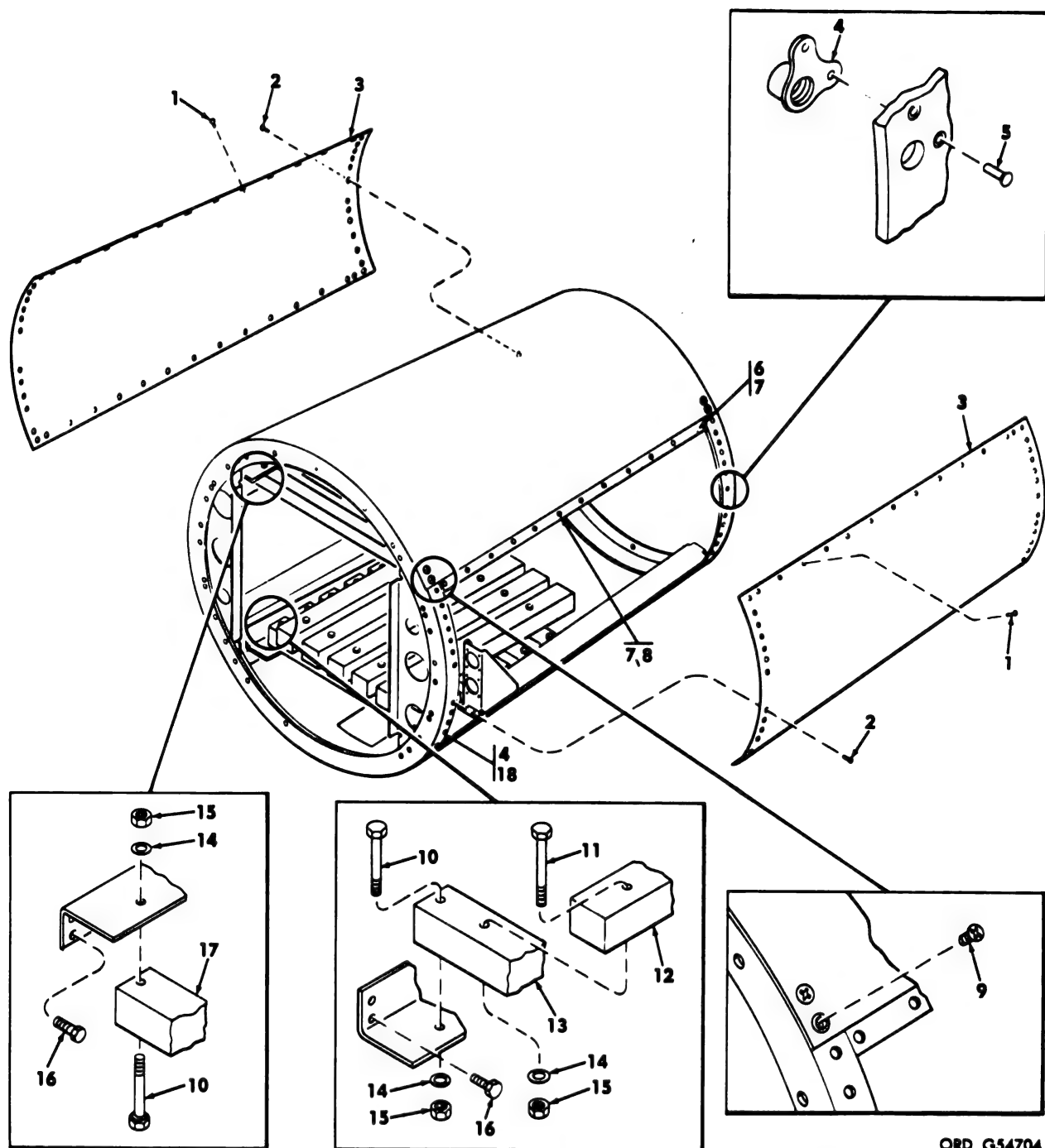
FIGURE 165. ELECTRICAL INSTALLATION, TRAINER, GUIDED MISSILE /10119272/
 /SEE FIGURE 15A FOR NEXT HIGHER ASSFMALY/



ORD 6336915

| | | |
|--------------------------------|------------------------------|----------------------------------|
| 1 RIVET MS20426AD3-6.....156 | 10 COVER 10119278.....2 | 19 NUT MS21051L4.....2 |
| 2 NUT MS21059L3.....12 | 11 SCRFW 9028322.....30 | 20 SETSCREW MS51023-95.....8 |
| 3 SCREW MS24694S51.....12 | 12 SCREW MS2421A.....48 | 21 FRAME ASSEMBLY 10119298.....1 |
| 4 SCREW MS24694S51.....4 | 13 NUT MS21080-4.....8 | 22 RING 9018928.....8 |
| 5 DOOR 10119277-12.....7 | 14 NUT 9026134.....14 | 23 INSERT 9020581.....8 |
| 6 PLATE ASSEMBLY 9019876.....7 | 15 SCREW 902845A.....18 | 24 INSERT 9018457.....13 |
| 7 NUT MS2107A-4.....40 | 16 COVER 901963A.....1 | 25 RING 10606512-3.....13 |
| 8 PLUG 9978716.....3 | 17 NUT MS21047L4.....9 | |
| 9 SCREW MS24694S51.....70 | 18 RIVET MS20426AD3-9.....14 | |

FIGURE 164. STRUCTURE ASSEMBLY, ENGINE SECTION /10119277/
/SEE FIGURE 158 FOR NEXT HIGHER ASSEMBLY/



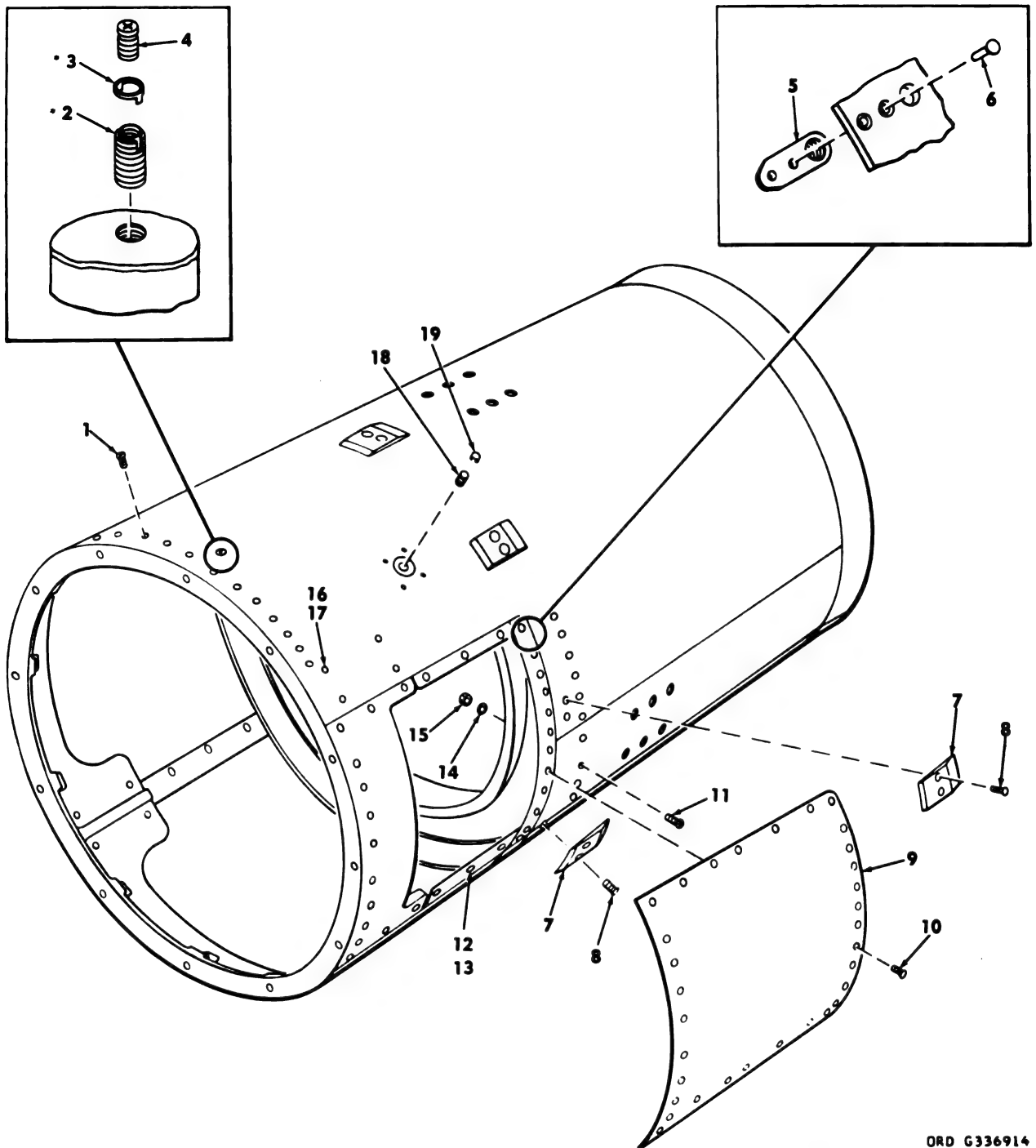
ORD G54704

| | | | |
|---|-------|-------------------|----|
| 1 | SCREW | 852421R..... | 52 |
| 2 | SCREW | 9031276..... | 54 |
| 3 | COVER | 902R165..... | 2 |
| 4 | NUT | MS21055L5..... | 70 |
| 5 | RIVET | MS20426AD4-A..... | 84 |
| 6 | NUT | MS21061L4..... | A |

| | | | |
|----|--------|-------------------|-----|
| 7 | RIVET | MS20426AD1-5..... | 200 |
| 8 | NUT | MS21059L4..... | 44 |
| 9 | SCREW | 9031276..... | 16 |
| 10 | BOLT | AN4-23A..... | 24 |
| 11 | BOLT | AN4-37A..... | 10 |
| 12 | WEIGHT | 1011929R..... | 5 |

| | | | |
|----|--------|-------------------|----|
| 13 | WEIGHT | 10119299..... | 7 |
| 14 | WASHER | AN960-416L..... | 34 |
| 15 | NUT | MS21042-4..... | 34 |
| 16 | BOLT | AN4-5A..... | 32 |
| 17 | WEIGHT | 10119290..... | 10 |
| 18 | RIVET | MS20601AD4W5..... | 56 |

FIGURE 163. STRUCTURE ASSEMBLY, EQUIPMENT AND POWER /10119290/
/SEE FIGURE 161 FOR NEXT HIGHER ASSEMBLY/

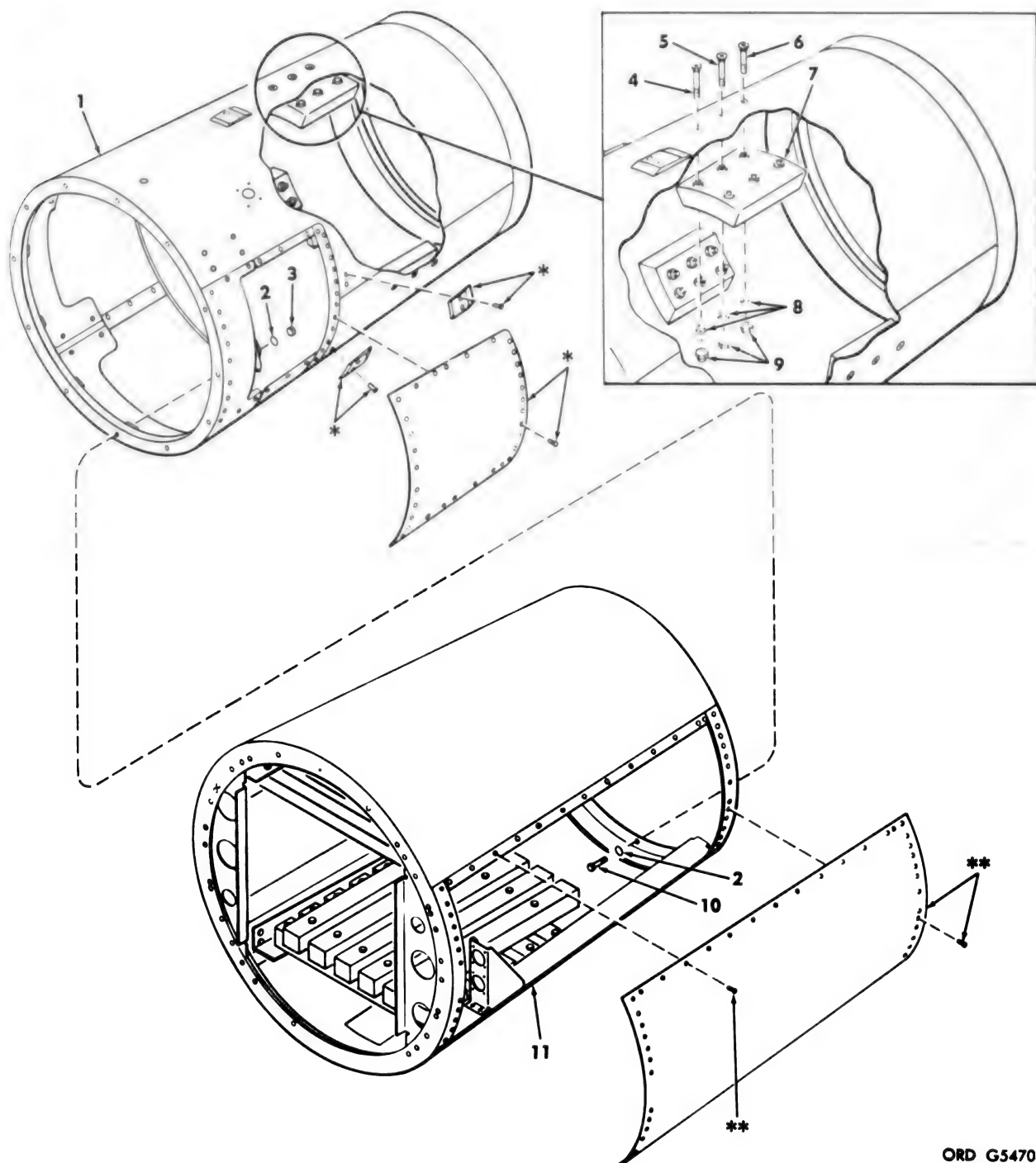


ORD G336914

| | | | | | |
|---|---------------------------|----|---------------------------|----|-----------------------|
| 1 | SCREW 852421A.....24 | 9 | COVER 10119282.....2 | 17 | INSERT 9978415.....16 |
| 2 | INSERT 9020580.....1 | 10 | SCREW 852421A.....64 | 18 | INSERT 9020620.....1 |
| 3 | RING 9020582.....1 | 11 | SCREW MS24694S98.....24 | 19 | RING 9020630.....1 |
| 4 | SETSCREW MS51023-A7.....1 | 12 | RIVET MS20426AD3-6.....24 | | |
| 5 | NUT MS21051L4.....32 | 13 | NUT MS21047L4.....4 | | |
| 6 | RIVET MS20426AD3-9.....48 | 14 | WASHER AN960-416.....24 | | |
| 7 | PANEL 8523324.....9 | 15 | NUT MS21040L4.....24 | | |
| 8 | SCREW MS24694S53.....16 | 16 | RING 9979052.....16 | | |

* COMPONENT OF FRAME ASSEMBLY
10119301

FIGURE 162. STRUCTURE ASSEMBLY, CONTROL /10119281/
/SEE FIGURE 161 FOR NEXT HIGHER ASSEMBLY/



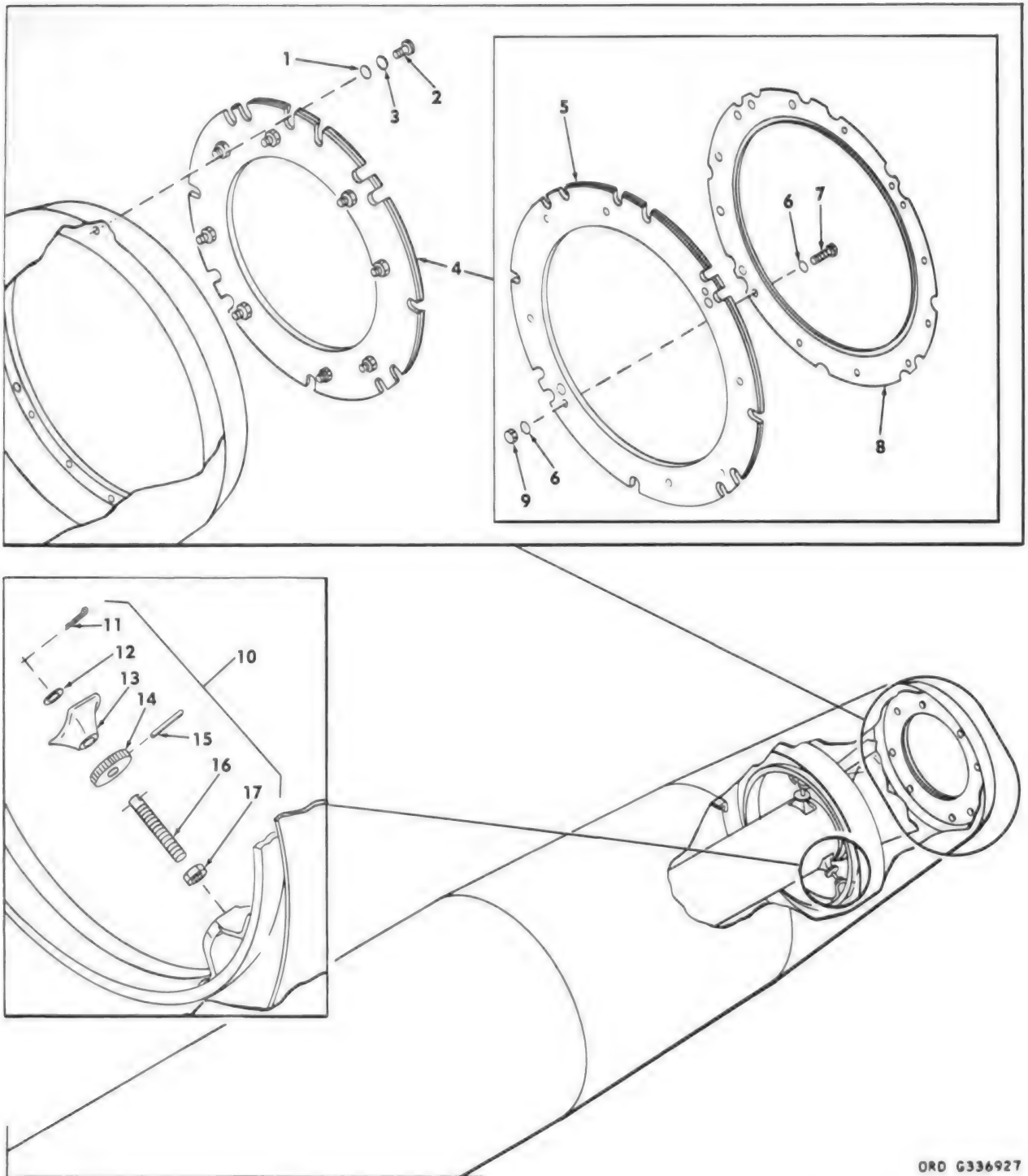
ORD G54703

1 STRUCTURE ASSEMBLY
10119281.....1
SEE FIGURE 162 FOR DETAILS
2 WASHER AN960-616L.....24
3 NUT MS21042L6.....12
4 SCREW MS24694S131.....6
5 SCREW MS24694S125.....6
6 SCREW MS24694S127.....6

7 WEIGHT 9028080.....3
8 WASHER 9018239.....18
9 NUT 9026523.....18
10 BOLT AN6-13A.....12
11 STRUCTURE ASSEMBLY
10119280.....1
SEE FIGURE 163 FOR DETAILS

* COMPONENT OF ITEM 1
** COMPONENT OF ITEM 11

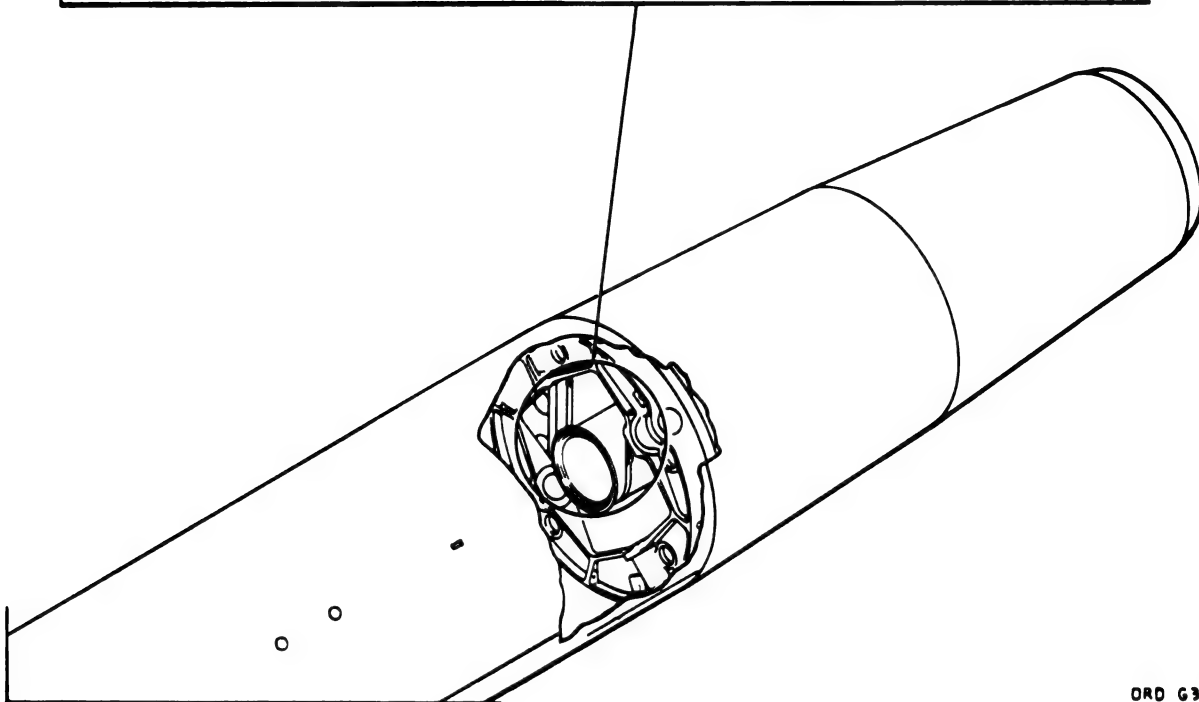
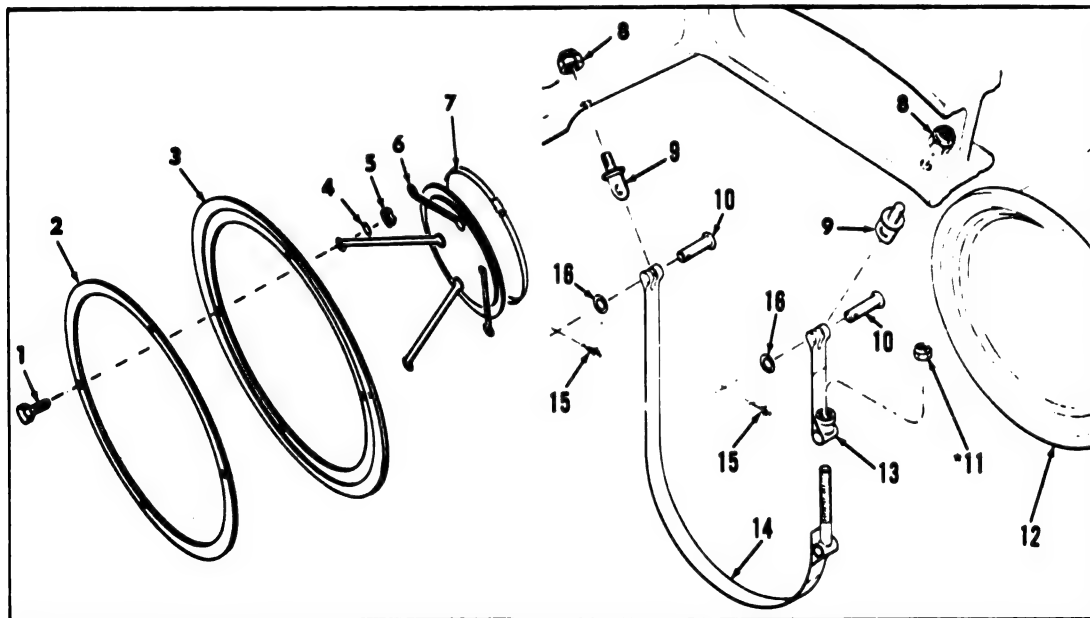
FIGURE 161. BODY SECTION, TRAINER, GUIDED MISSILE /10119279/
/SEE FIGURE 158 FOR NEXT HIGHER ASSEMBLY/



ORD G336927

| | | |
|--------------------------------|-------------------------------------|------------------------|
| 1 WASHER 90311320.....7 | 7 BOLT AN4-7A.....8 | 13 SHOE 9031135.....1 |
| 2 BOLT AN4-7A.....7 | 8 RING 9979162.....1 | 14 KNOB 9031132.....1 |
| 3 WASHER MS271R3-12.....7 | 9 NUT MS21045C4.....8 | 15 PIN MS171572.....1 |
| 4 RING ASSEMBLY 9979167.....1 | 10 ADJUSTING ASSEMBLY 992902A.....3 | 16 SHAFT 9031133.....1 |
| 5 MOUNTING PLATE 901999A.....1 | 11 PIN MS24665-153.....1 | 17 NUT AN316-8R.....1 |
| 6 WASHER AN960C416.....16 | 12 WASHER MS15795-81A.....1 | |

FIGURE 160. BLAST TUBE AND CLOSURE INSTALLATION, TRAINER /10119297/

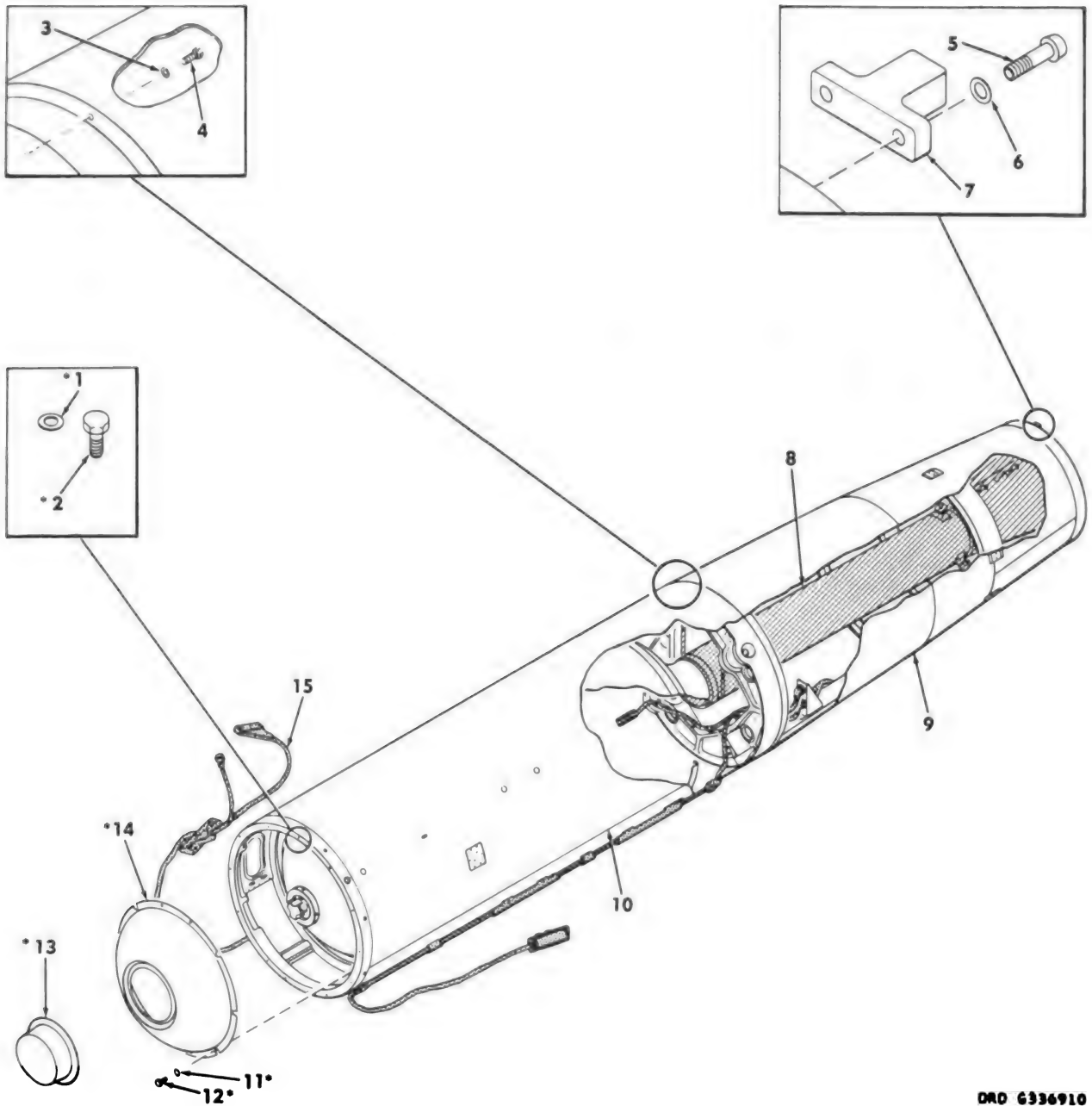


ORD G336913

| | | |
|----------------------------------|---------------------------|---------------------------|
| 1 BOLT AN7-11A.....4 | 8 NUT MS21083M5.....2 | 14 BAND 9073692.....1 |
| 2 INSULATION RING 9032034.....1 | 9 BOLT MS22099.....2 | 15 PIN MS24663-191.....2 |
| 3 FRAME 8523474.....1 | 10 PIN MS20392-3C27.....2 | 16 WASHER AN960-416.....2 |
| 4 WASHER AN960-716.....4 | 11 NUT MS21045-4.....1 | |
| 5 NUT MS21044N7.....4 | 12 BLAST TUBE AND NOZZLE | |
| 6 SHIPPING SUPPORT 9032800.....1 | 10119316.....1 | |
| 7 COUPLING 9018247.....1 | 13 BAND 9073691.....1 | |

* FURNISHED WITH ITEM 14

FIGURE 159. BLAST TUBE AND CLOSURE INSTALLATION, TRAINER /10119297/
/SEE FIGURE 158 FOR NEXT HIGHER ASSEMBLY/



ORD 6336910

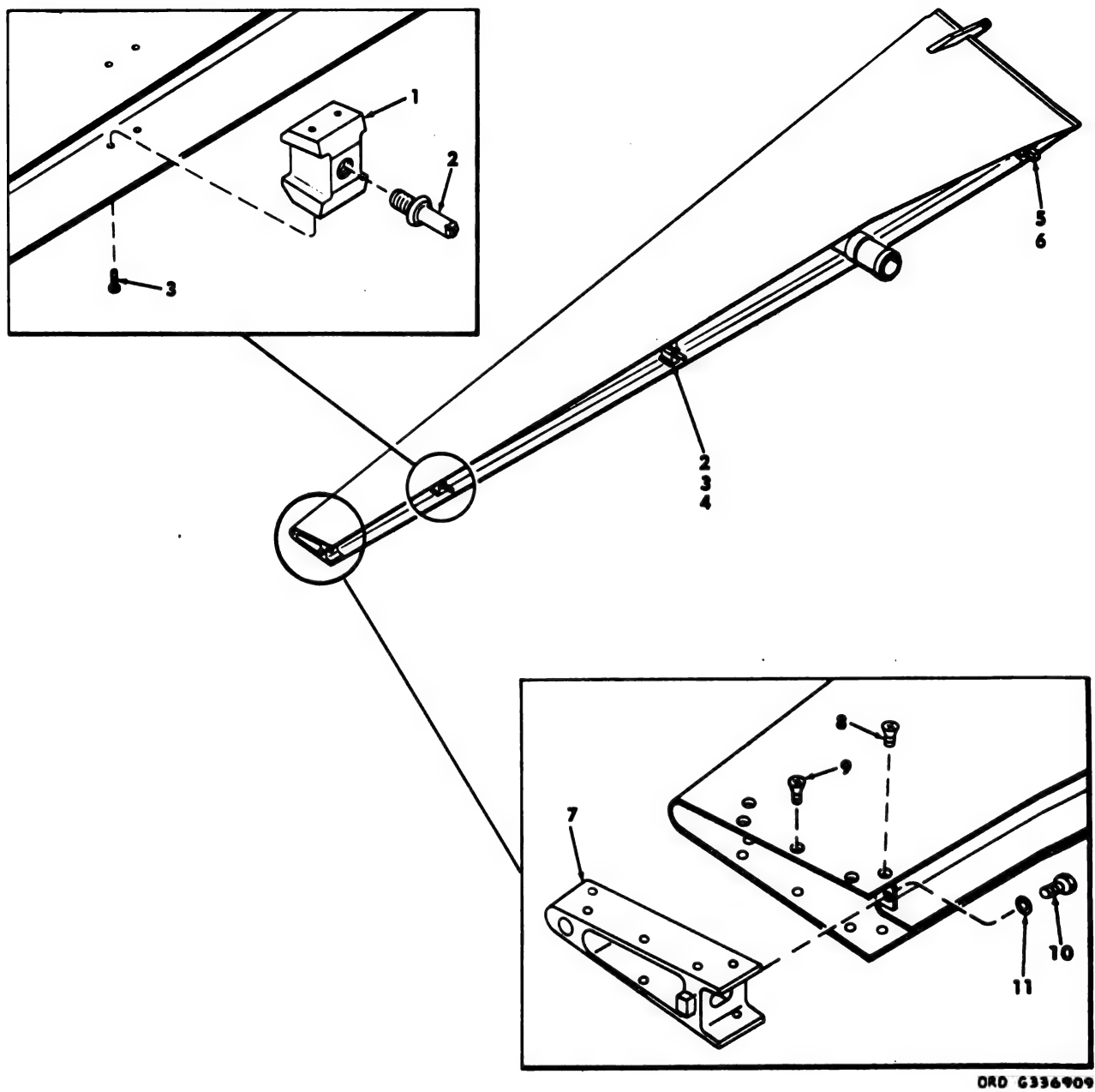
1 WASHER AN960C516L.....13
 2 BOLT AN5-7A.....13
 3 WASHER AN960-616L.....20
 4 BOLT MS20074-06-07.....20
 5 BOLT MS20009-11.....2
 6 WASHER MS20007C5.....2
 7 ALIGNMENT PIN 9029046.....1
 8 BLAST TUBE AND CLOSURE
 INSTALLATION 10119297.....1
 SEE FIGURE 159 FOR DETAILS

9 BODY SECTION 10119279.....1
 SEE FIGURE 161 FOR DETAILS
 10 STRUCTURE ASSEMBLY
 10119277.....1
 SEE FIGURE 164 FOR DETAILS
 11 WASHER NAS349-716.....4
 12 BOLT AN177-5A.....4
 13 CAP 10119307.....1
 14 DUMMY HEATER ASSEMBLY
 10119302.....1

15 ELECTRICAL INSTALLATION
 10119272.....1
 SEE FIGURE 165 FOR DETAILS

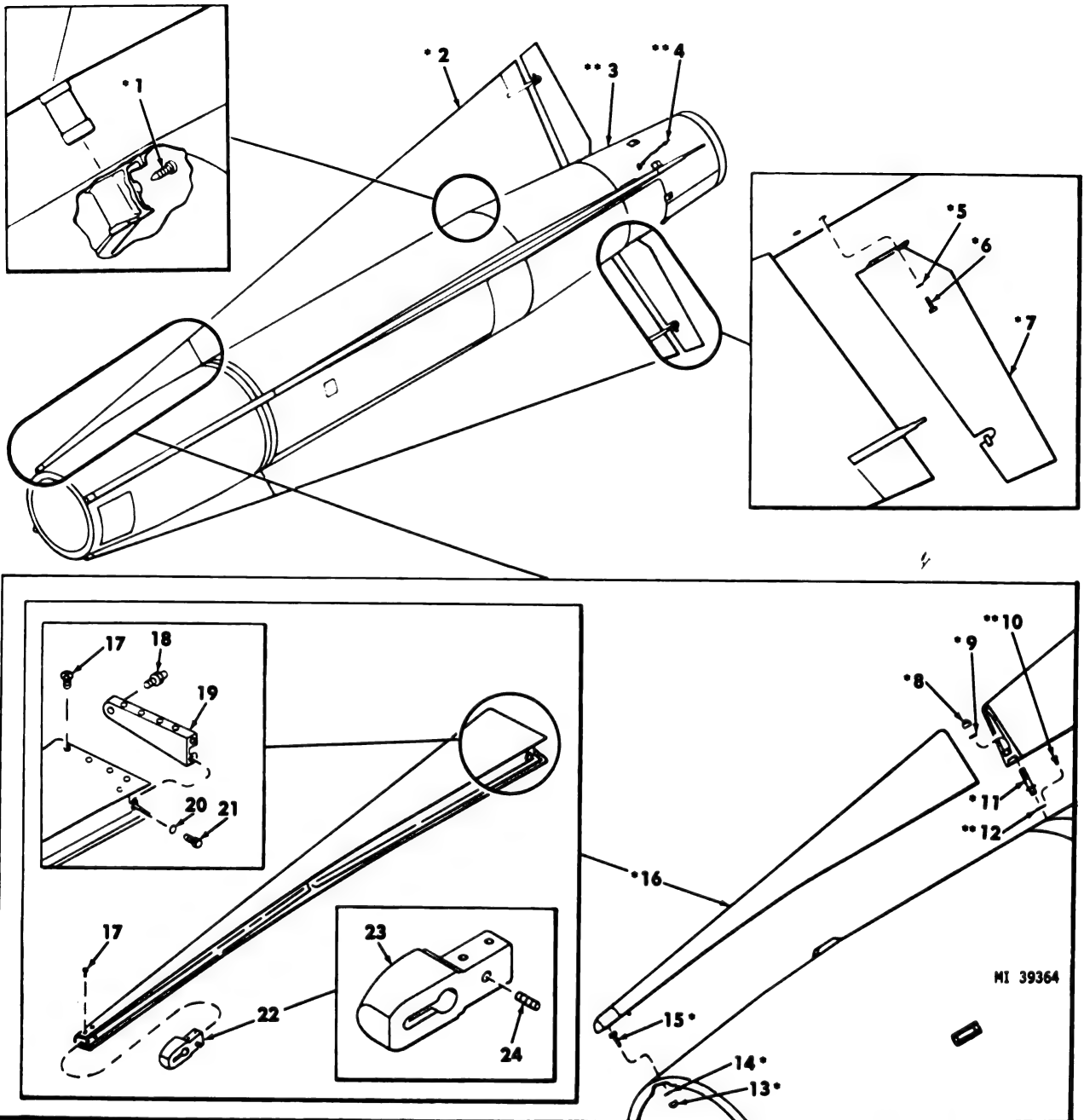
* COMPONENT OF SHOPPING KIT
 10119275, SHIPPING AS LOOSE
 ITEM

FIGURE 159. BODY SECTION, TRAINER, GUIDED MISSILE /10119276/
 /SEE FIGURE 156 FOR NEXT HIGHER ASSEMBLY/



- | | | | | | |
|---|-----------------------|---|-----------------------|----|------------------------|
| 1 | FITTING 9032643.....1 | 5 | SCREW NAS222-7.....8 | 9 | SCREW NAS222-4.....8 |
| 2 | BOLT 9028297.....2 | 6 | FITTING A530987.....1 | 10 | POLY AN3-3A.....1 |
| 3 | SCREW NAS221-R.....8 | 7 | FITTING A522172.....1 | 11 | WASHER W577143-R.....1 |
| 4 | FITTING 9032642.....1 | 8 | SCREW NAS222-5.....2 | | |

FIGURE 147. STRUCTURE ASSEMBLY, MAIN FIN /10119285/
/SEE FIGURE 156 FOR NEXT HIGHER ASSEMBLY/



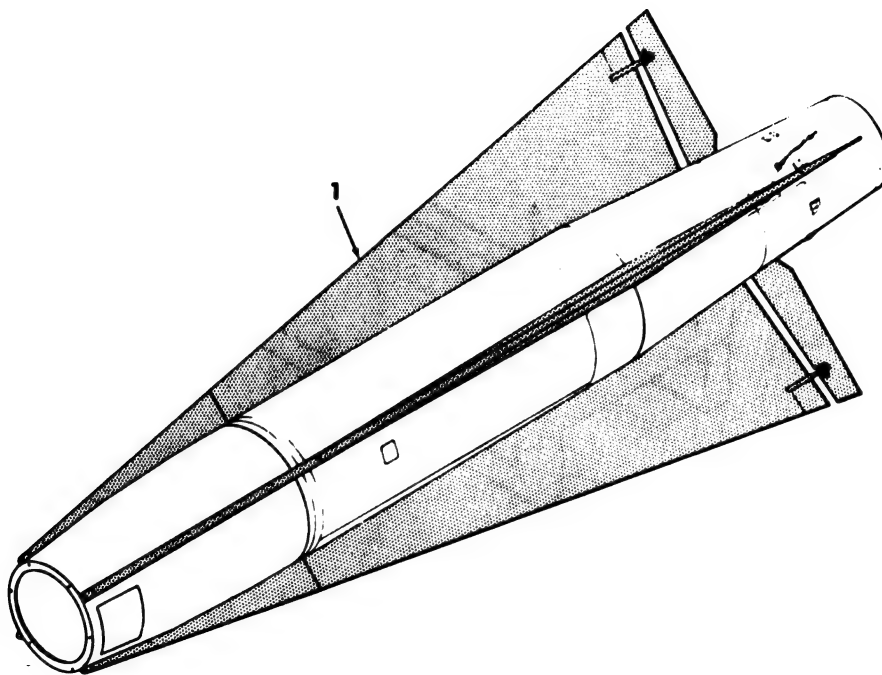
1 SETSCREW 9025007.....4
 2 STRUCTURE ASSEMBLY
 10119285.....4
 SEE FIGURE 157 FOR DETAILS
 3 BODY SECTION 10119276.....1
 SEE FIGURE 158 FOR DETAILS
 4 WIRE ROPE ASSEMBLY
 9020525.....1
 5 WASHER AN960-416L.....16
 6 SCREW MS90726-7.....16
 7 ELEVON ASSEMBLY 10119287.....4
 8 NUT 8526014.....4

9 WASHER AN960PD1016.....4
 10 SCREW 9028421.....4
 11 STUD AND RING ASSEMBLY
 9019830.....4
 12 RETAINER 9028422.....4
 13 NUT MS21042L5.....4
 14 WASHER AN960-516L.....4
 15 BOLT 9979234.....4
 16 FIN ASSEMBLY 10119304.....4
 17 SCREW A014574.....12
 18 PIN A162828.....1
 19 FITTING A522149.....1

20 WASHER MS15795-808.....2
 21 BOLT AN3C3A.....2
 22 FITTING ASSEMBLY
 10119305.....1
 23 FITTING 10119306.....1
 24 PIN MS16562-62.....1

* COMPONENT OF SHIPPING KIT
 10119284
 ** COMPONENT OF SHIPPING KIT
 10119275

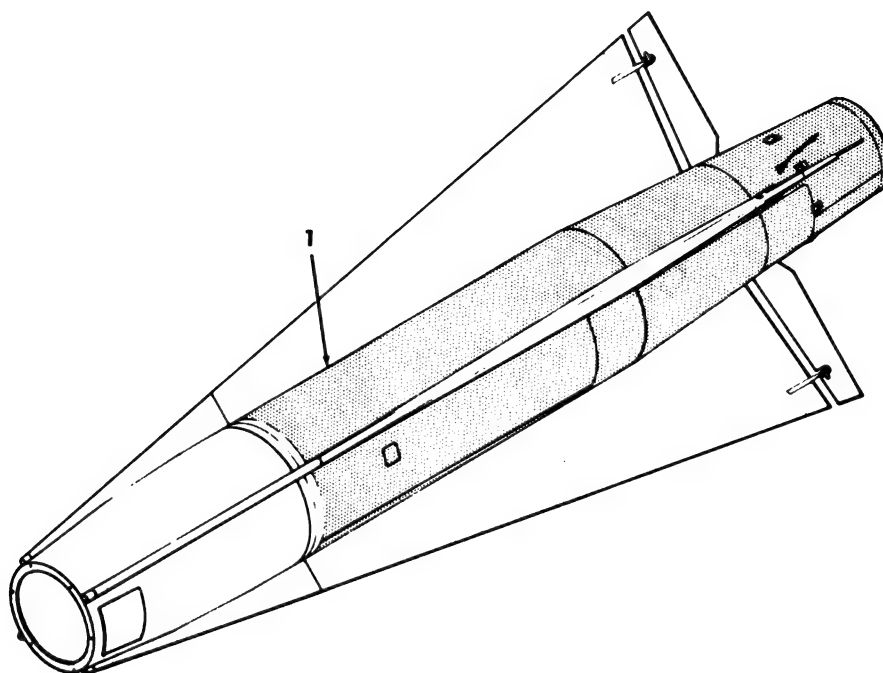
FIGURE 156. SHIPPING KIT, BODY SECTION /10119275/ AND SHIPPING KIT, MAIN FIN /INSTALLED/ /10119284/
 /SEE FIGURES 154 AND 155 FOR NEXT HIGHER ASSEMBLIES/



ORD G336906

1 SHIPPING KIT 10119284.....1
SEE FIGURE 156 FOR DETAILS

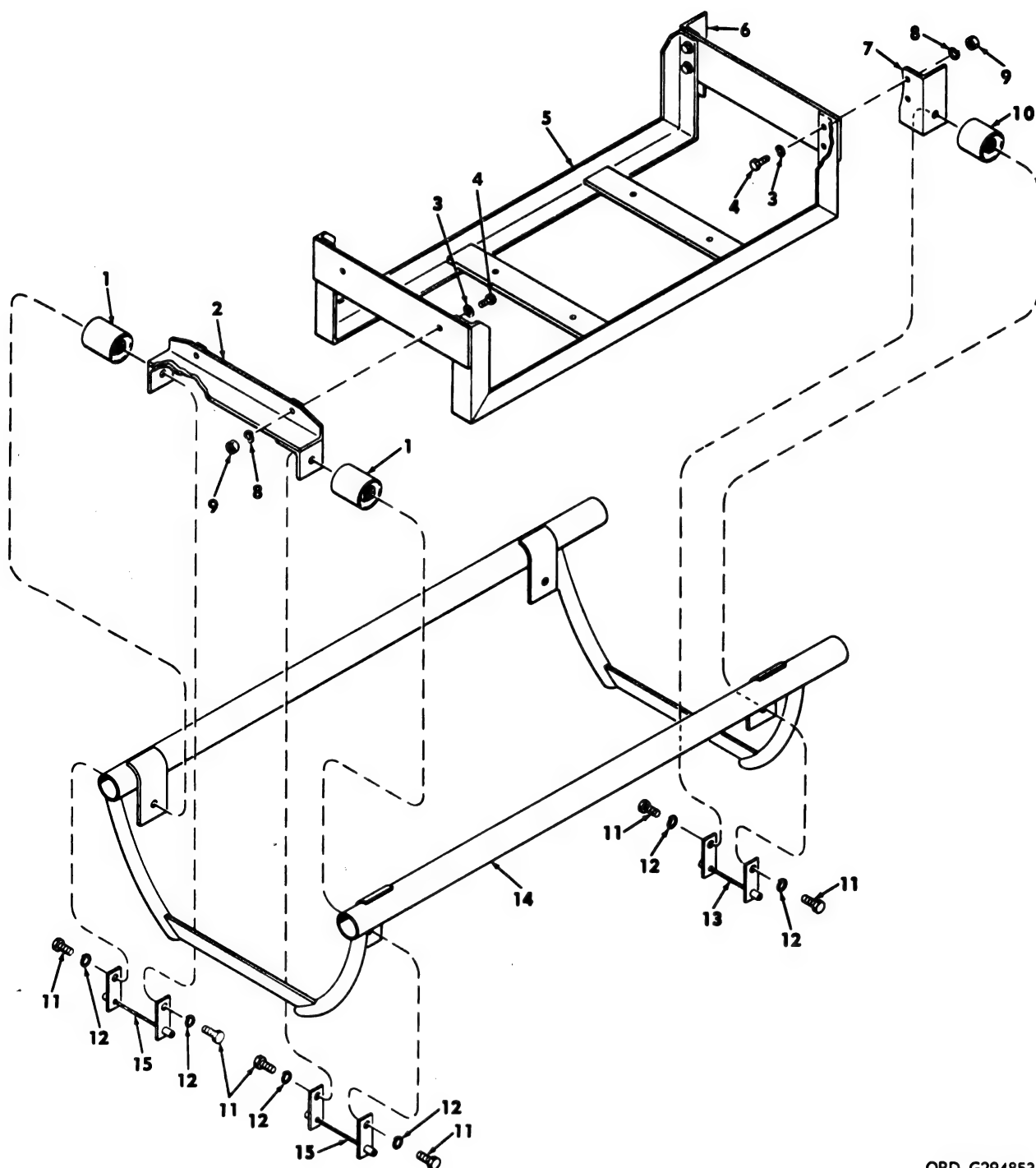
FIGURE 154. BODY SECTION, GUIDED MISSILE, TRAINING, M84 /10119274/



ORD G336907

1 SHIPPING KIT 10119275.....1
SEE FIGURE 156 FOR DETAILS

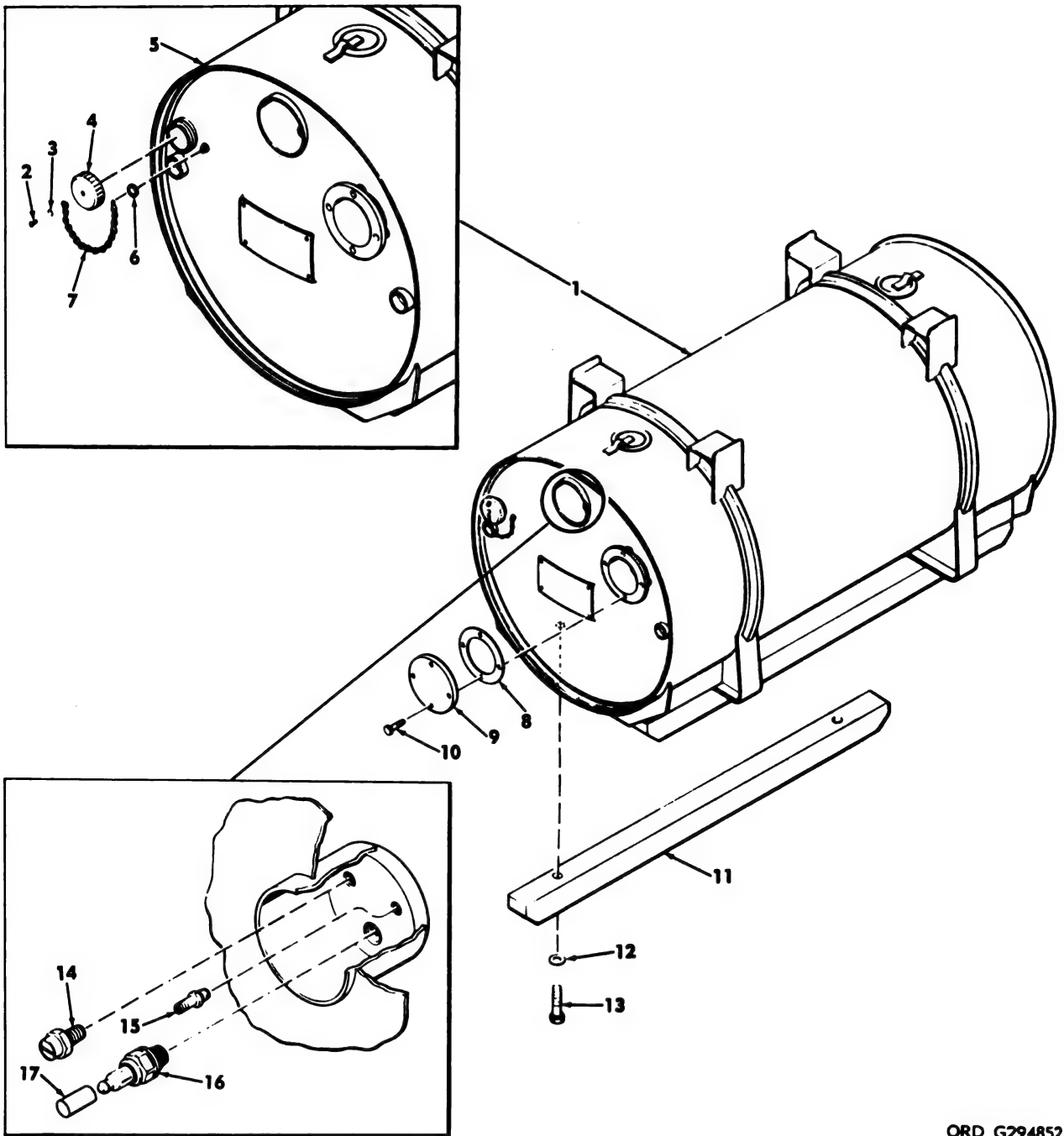
FIGURE 155. BODY SECTION, GUIDED MISSILE, TRAINING, M84 /10119274/



ORD G294853

| | | |
|----------------------------------|----------------------------|-------------------------|
| 1 MOUNT 9022044.....2 | 7 SUPPORT 9014361.....1 | 13 STOP ASSEMBLY CABLE |
| 2 SUPPORT ASSEMBLY 9014360.....1 | 8 WASHER MS35338-46.....6 | 8162970.....2 |
| 3 WASHER MS27187-14.....6 | 9 NUT MS51967-8.....6 | 14 CRADLE 9019897.....1 |
| 4 SCREW MS90725-63.....6 | 10 MOUNT 9022043.....2 | 15 STOP ASSEMBLY CABLE |
| 5 PLATFORM 9019912.....1 | 11 SCREW MS90725-108.....8 | 8165367.....2 |
| 6 SUPPORT 9014362.....1 | 12 WASHER MS35338-48.....8 | |

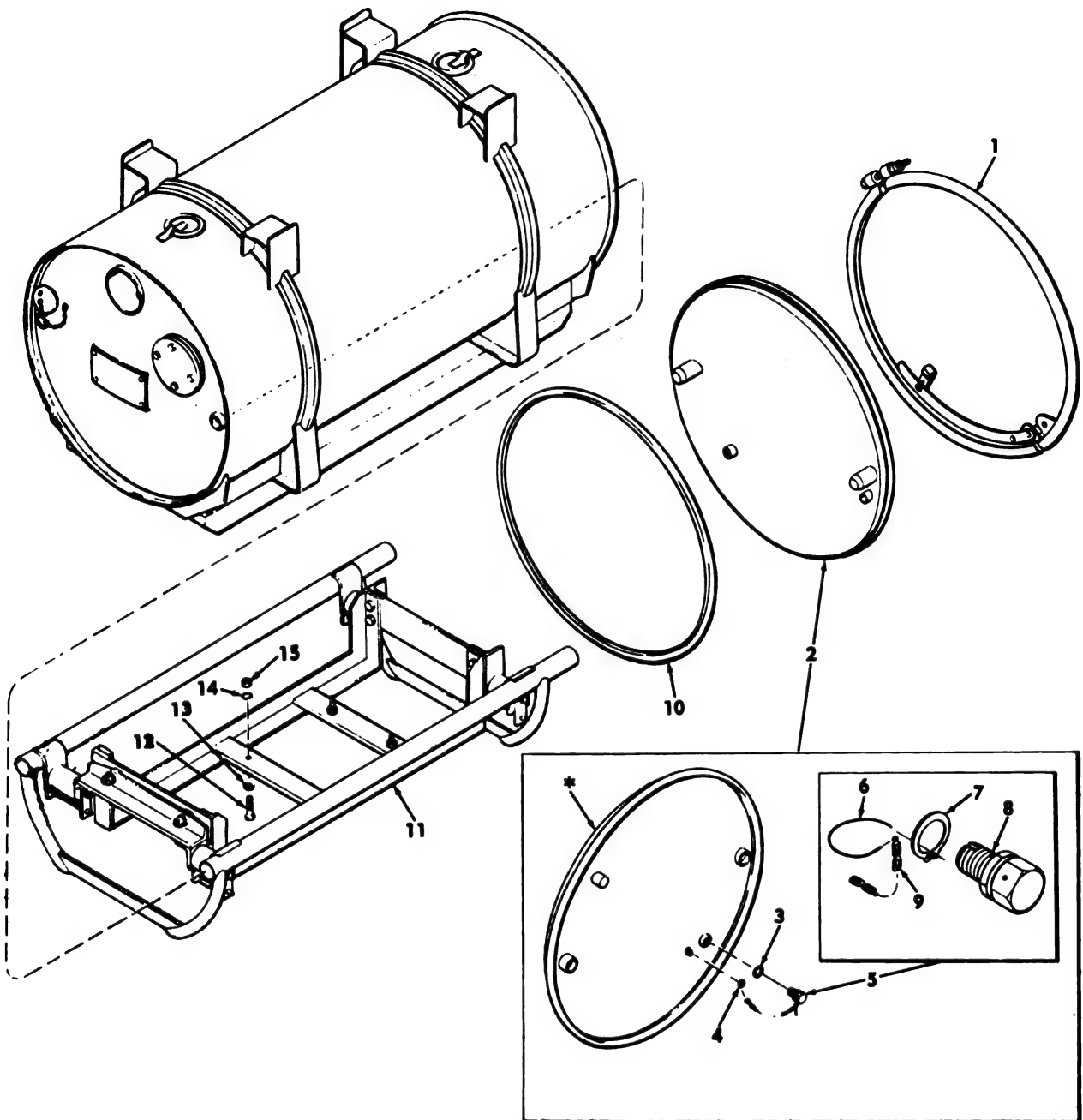
FIGURE 153. CRADLE, SHIPPING AND STORAGE CONTAINER, TRANSPONDER /9019913/
/SEE FIGURE 151 FOR NEXT HIGHER ASSEMBLY/



ORD G294852

| | | |
|--------------------------------|-----------------------------|------------------------------|
| 1 SHELL ASSEMBLY 8014351.....1 | 7 CHAIN S0RX742C16997.....9 | 13 SCREW MS90725-117.....4 |
| 2 RIVET 107144.....1 | 8 GASKET 8014355.....1 | 14 VALVE 10127499.....1 |
| 3 WASHER MAS620-5.....1 | 9 COVER 8014356.....1 | 15 VALVE 8134499.....1 |
| 4 CAP 8014351-39.....1 | 10 SCREW MS90725-60.....4 | 16 INDICATOR AN4062-11.....1 |
| 5 CONTAINER 8014351-37.....1 | 11 SKID 8014352.....2 | 17 CAP 9174595.....1 |
| 6 RING 8168689.....1 | 12 WASHER MS27183-1A.....4 | |

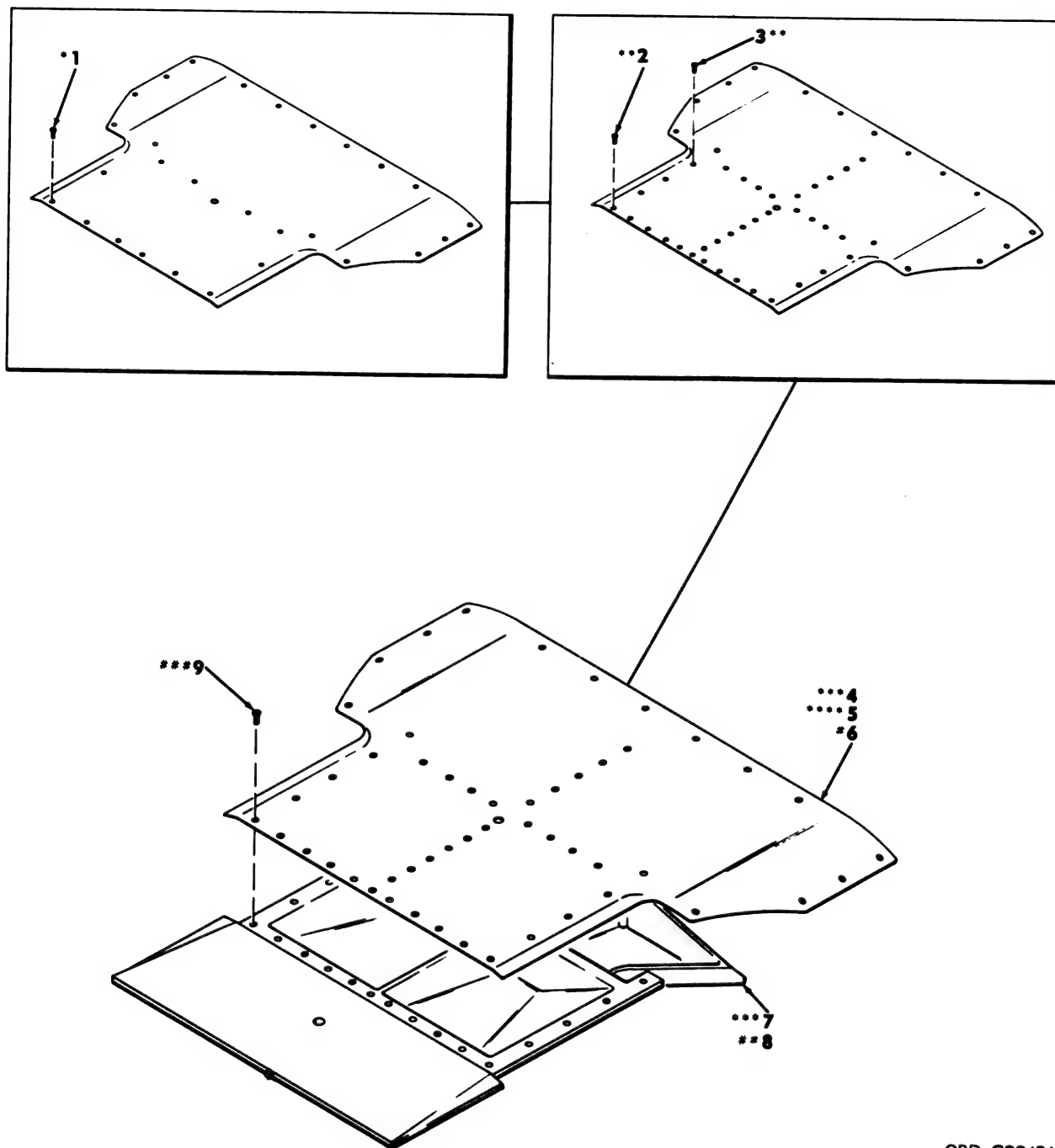
FIGURE 152. CONTAINER, SHIPPING AND STORAGE, TRANSPONDER, M466 / 9019914/



ORD G294850

| | | | | | |
|---|------------------------------|----|----------------------------|----|-------------------------|
| 2 | RING 8166R2H.....1 | 7 | RING MS16624-1075.....1 | 12 | SCREW MS9725-38.....4 |
| 2 | COVER ASSEMBLY 8014353.....1 | 8 | VALVE 8022366.....1 | 13 | WASHER 61-0542-1.....4 |
| 3 | WASHER 8022570.....1 | 9 | CHAIN 42C16550.....4 | 14 | WASHER MS35318-45.....4 |
| 4 | RING 8014353-50.....1 | 10 | SEAL 8163018.....1 | 15 | NUT MS51967-5.....4 |
| 5 | VALVE ASSMBLY 8022367.....1 | 11 | CRADLE 9019913.....1 | | |
| 6 | WIRE 22W1630.....* | | SFE FIGURE 153 FOR DETAILS | | |
| | | | | | * COMPONENT OF ITEM 2 |

FIGURE 151. CONTAINER, SHIPPING AND STORAGE, TRANSPONDER, M466 /9019914/



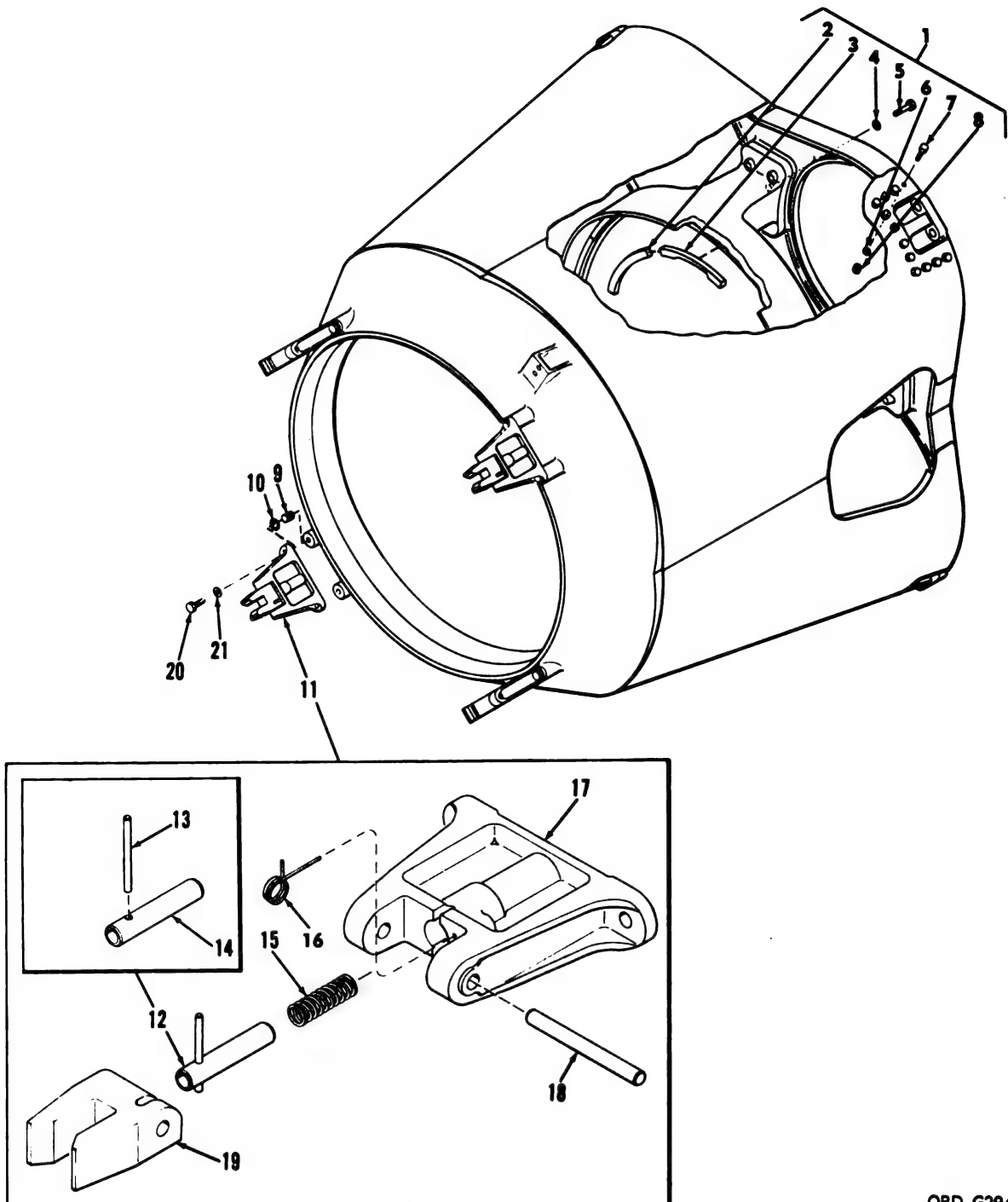
ORD G294946

1 SCREW NAS222-6.....14
 2 SCREW NAS222-6.....36
 3 SCREW NAS222-4.....2
 4 FAIRING 9025119.....1
 5 FAIRING 9025461.....1
 6 FAIRING 9025460.....1
 7 FITTING 9025231.....1

8 FITTING 9025230.....1
 9 SCREW MS24694S93.....10
 * FOR SERIAL NO. 17828 AND UP
 ** FOR SERIAL NO. 15251-17827
 *** FOR FAIRING ASSEMBLY 9025119

*** FOR FAIRING ASSEMBLY 9025462
 # FOR FAIRING ASSEMBLY 9025463
 ## FOR FAIRING ASSEMBLY 9025462
 AND 9025463
 ### FOR SERIAL NO. 14965-15250

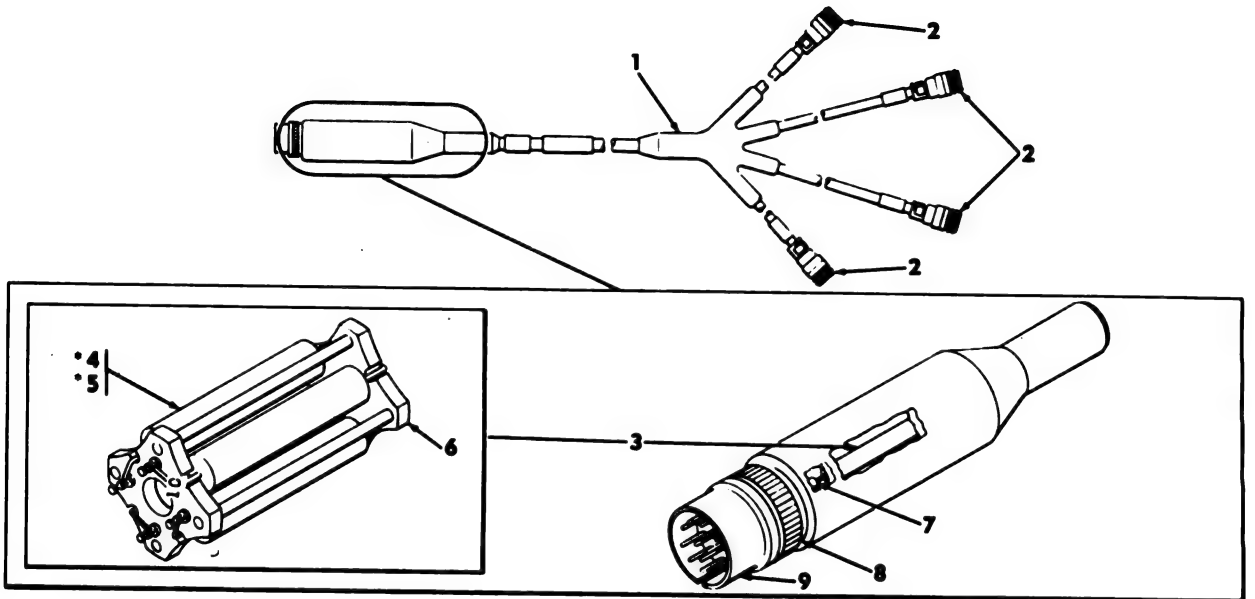
FIGURE 150. FAIRING ASSEMBLY, BOOSTER /SIDE 9025119, TOP 9025462 AND BOTTOM 9025463/
 /SEE FIGURE 145 FOR NEXT HIGHER ASSEMBLY/



ORD G2949-5

| | | | | | |
|---|------------------------------|----|-----------------------------|----|--------------------------|
| 1 | FITTING ASSMRLY 9025506....1 | 9 | NUT MS21045-5.....48 | 15 | SPRING A163868.....1 |
| 2 | CUSHION A163914.....7 | 10 | INSERT 997A054.....8 | 16 | SPRING A163869.....1 |
| 3 | CUSHION A530489.....1 | 11 | PING 997A052.....8 | 17 | BRACKET 9032477.....1 |
| 4 | WASHER 61-0542-1.....4 | 12 | LOCK ASSEMBLY A530425.....4 | 18 | PIN A521798.....1 |
| 5 | BCLT MS90725-13.....4 | 13 | PIN ASSEMBLY A163877....1 | 19 | FORK A529392.....1 |
| 6 | WASHER MS27187-12.....4A | 14 | PIN 5A6091.....1 | 20 | BOLT MS20074-04-05.....8 |
| 7 | BOLT AN5-6A.....4A | 15 | PIN 8163877-3.....1 | 21 | WASHER AN960-416L.....8 |

FIGURE 149. FITTING ASSMRLY, ROOSTER THRUST /902A004/
/SEE FIGURE 144 FOR NEXT HIGHER ASSMRLY/



ORD G294943

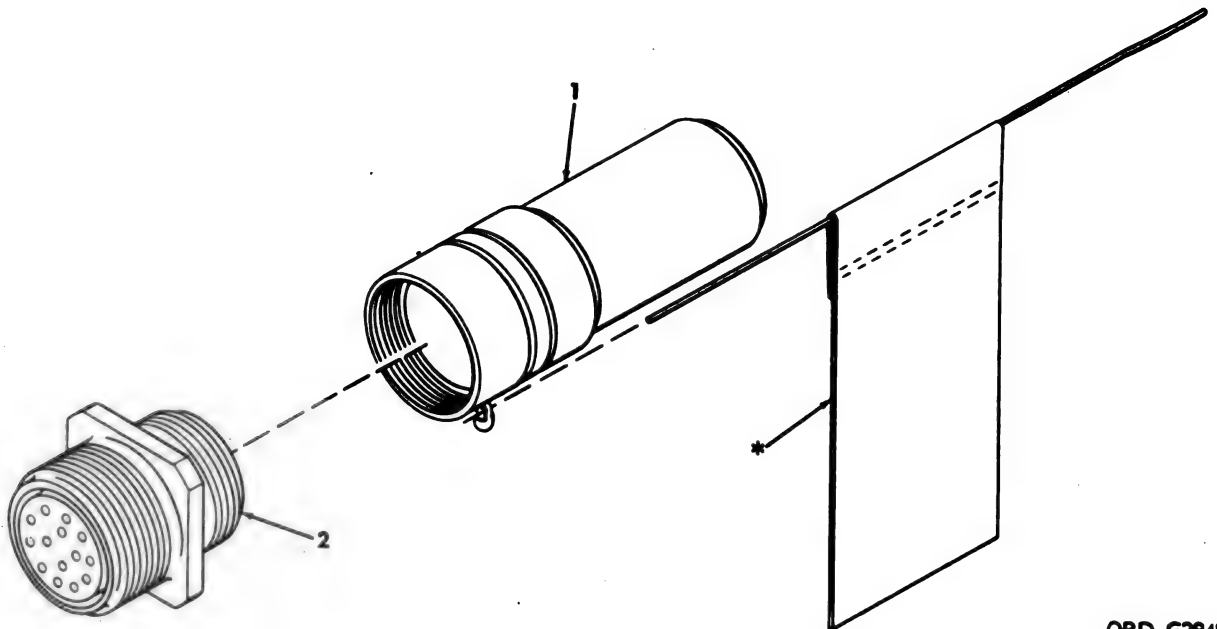
- 1 CABLE 997A4RR.....1
- 2 CONNECTOR R02625A.....4
- 3 RESISTOR ASSEMBLY 997B490.....1
- 4 RESISTOR RS10-1000HMSPOHM3PCT.....4

- 5 RESISTOR SS10W100HMSPOHM3PCT.....4
- 6 HOLDER 997A489.....1
- 7 ADAPTER 997B13B.....4

- 8 NUT 997A542.....1
- 9 BARREL 997B121.....1

* CNF OF EITHER MAY BE USED

FIGURE 147. CABLE ASSEMBLY, BOOSTER IGNITER /997A099/
/SEE FIGURE 143 FOR NEXT HIGHER ASSEMBLY/

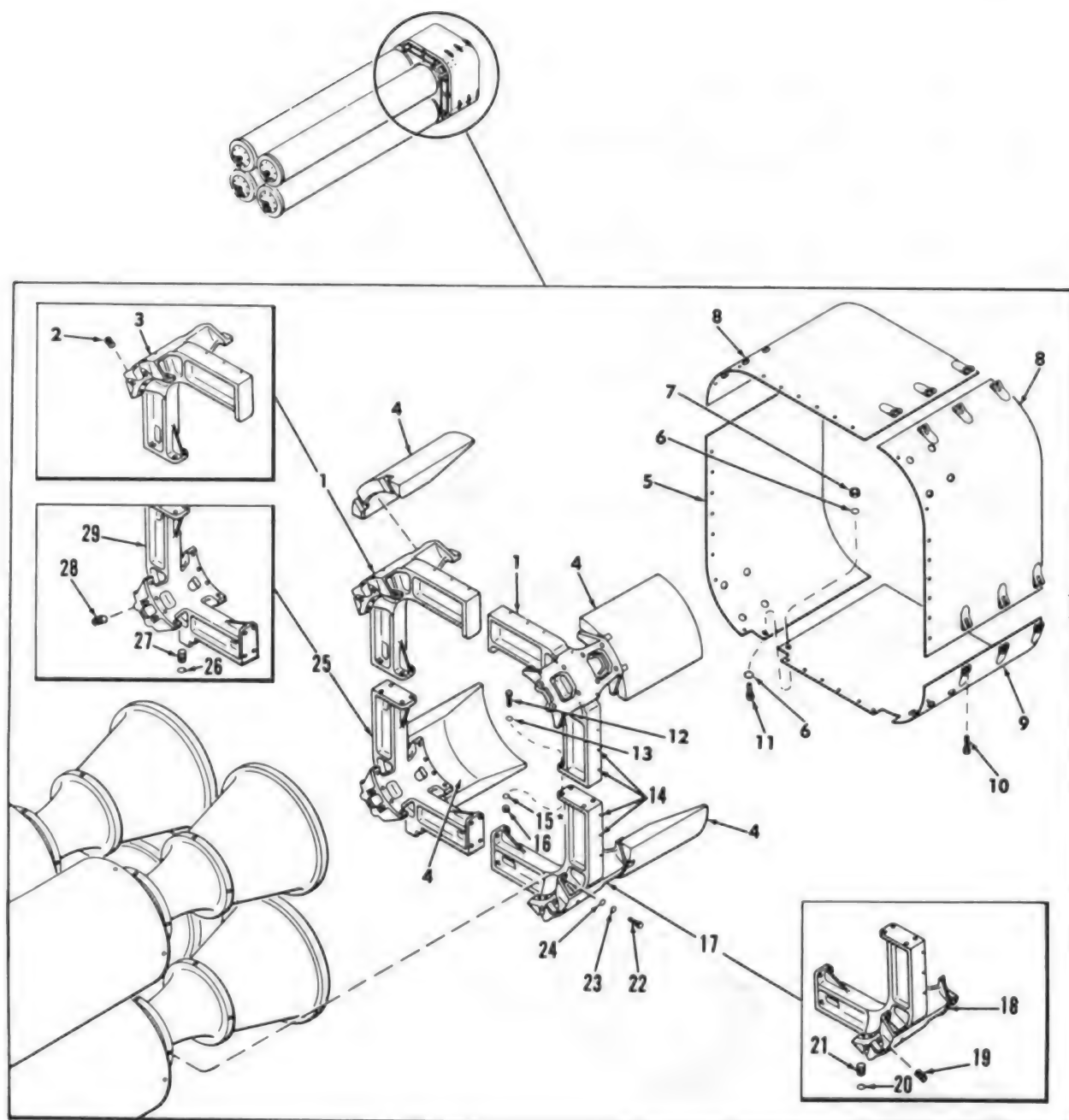


ORD G294944

- 1 HOUSING 9032693.....1
- 2 CONNECTOR 9033560.....1

* COMPONENT OF SHORTING RECEPTACLE 90325A5

FIGURE 148. SHORTING RECEPTACLE, BOOSTER /90325A5/
/SEE FIGURE 143 FOR NEXT HIGHER ASSEMBLY/

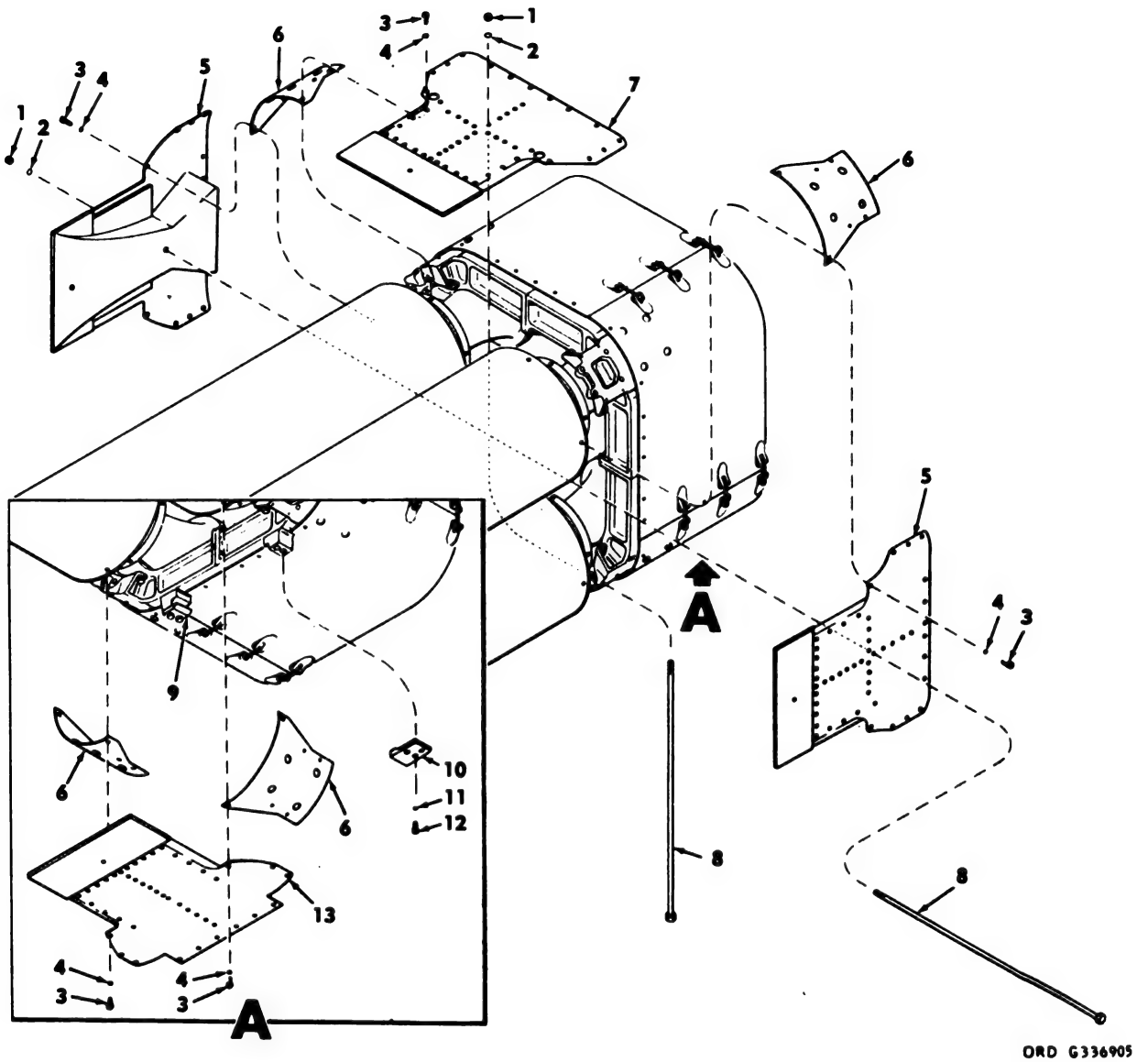


ORD G294942

| | | | | | |
|----|---------------------------------|----|---------------------------------|----|---------------------------------|
| 1 | FITTING ASSMPLY A166147....2 | 12 | BOLT MS20006M17.....16 | 23 | WASHER MS35338-46.....32 |
| 2 | INSERT 9020621.....8 | 13 | WASHER MS20002C6.....16 | 24 | WASHER MS27183-14.....32 |
| 3 | FITTING ASSMPLY 9978565-1.....1 | 14 | INSERT 9020619.....36 | 25 | FITTING ASSMPLY 8166146....1 |
| 4 | BLOCK FILLER A166296.....4 | 15 | WASHER MS20002-6.....16 | 26 | RING 9090315.....2 |
| 5 | FAIRING ASSMPLY A166292....1 | 16 | NUT MS21044N6.....16 | 27 | INSERT 9020622.....2 |
| 6 | WASHER AN960F416.....2 | 17 | FITTING ASSMPLY A166102....1 | 28 | INSERT 9020621.....8 |
| 7 | NUT MS21044N4.....1 | 18 | FITTING ASSMPLY 9978565-1.....1 | 29 | FITTING ASSMPLY 9978565-2.....1 |
| 8 | FAIRING ASSMPLY A166293....2 | 19 | INSERT 9020621.....8 | | |
| 9 | FAIRING ASSMPLY A166278....1 | 20 | RING 9090315.....2 | | |
| 10 | SCREW AN502-416-24.....12 | 21 | INSERT 9020622.....2 | | |
| 11 | BOLT AN4-4A.....1 | 22 | BOLT AN6-10A.....32 | | |
| | | | | | |

* AS REQUIRED, MINIMUM 1,
MAXIMUM 3, 16 PLACES

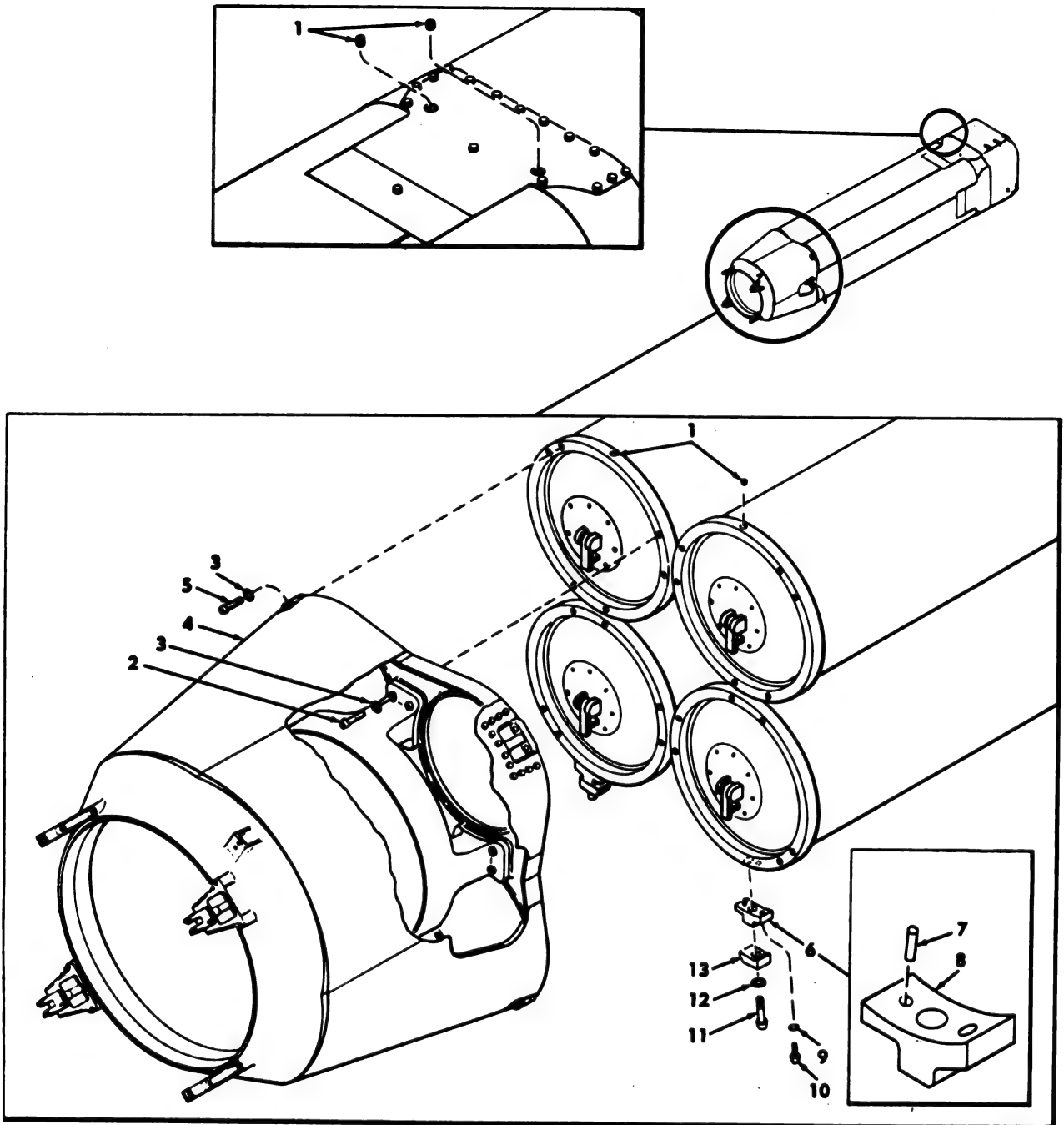
FIGURE 146. SHIPPING KIT, BOOSTER CLUSTER /INSTALLED/ /9028341/



ORD G336905

| | | |
|---------------------------------|---------------------------------|----------------------------------|
| 1 NUT MS21044N6.....4 | 6 FAIRING A166313.....4 | 11 WASHER AN967-716.....4 |
| 2 WASHER AN960-616.....4 | 7 FAIRING ASSEMBLY 9025462....1 | 12 SCREW MS91095-3RH.....4 |
| 3 BOLT AN4-4A.....56 | SEE FIG 150 FOR DETAILS | 13 FAIRING ASSEMBLY 9025463....1 |
| 4 WASHER MS27183-10.....56 | 8 BOLT A166270.....4 | SEE FIG 150 FOR DETAILS |
| 5 FAIRING ASSEMBLY 9025119....2 | 9 PLATE 9978991-2.....1 | |
| SEE FIG 150 FOR DETAILS | 10 PLATE 9978991-1.....1 | |

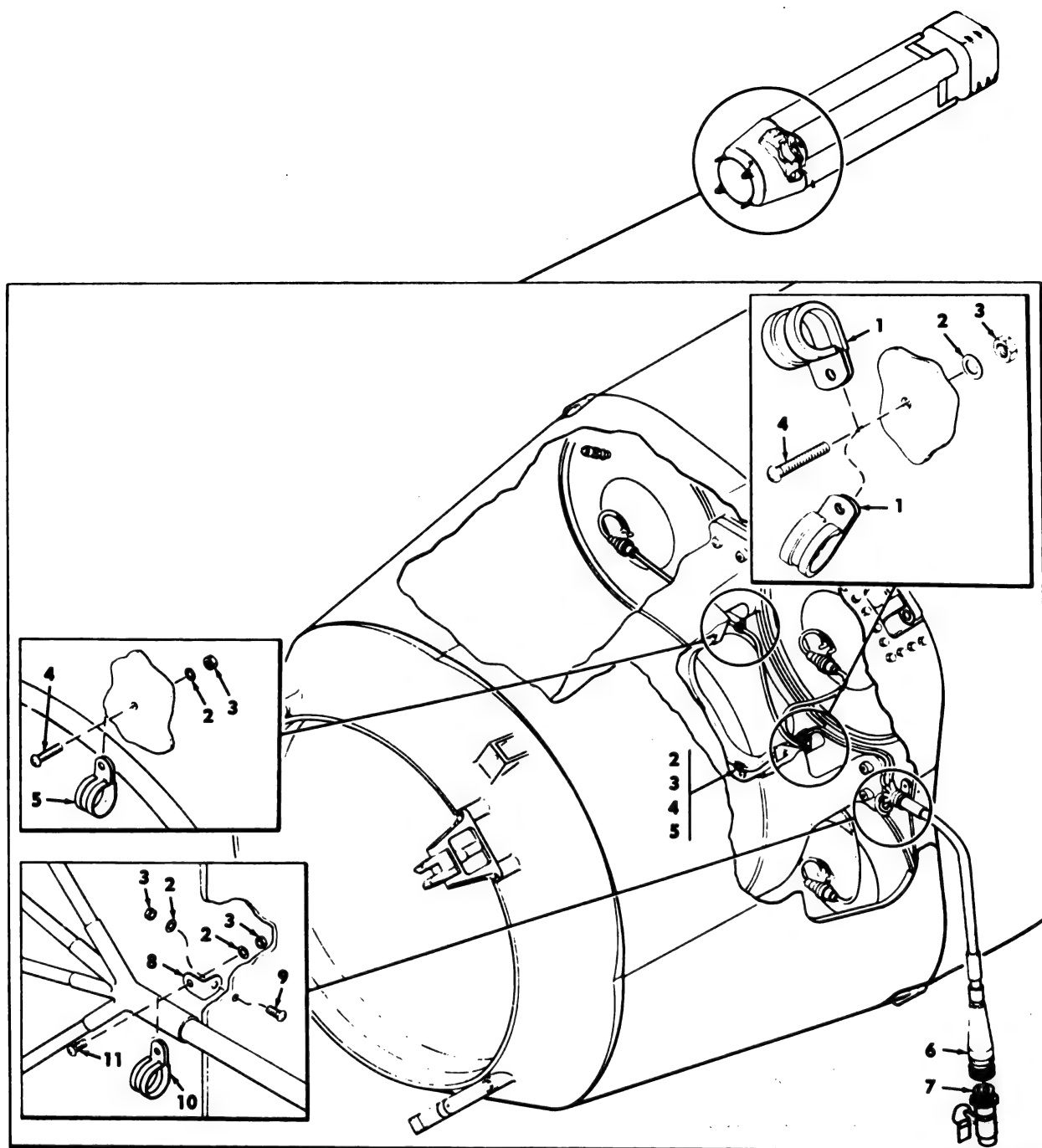
FIGURE 145. SHIPPING KIT, BOOSTER CLUSTER /INSTALLED/ /9028341/



ORD G294940

| | | |
|---------------------------------|---------------------------------|----------------------------|
| 1 PLUG 9978716.....4 | 9 BOLT NAS147-20.....8 | 10 BOLT AN6-11A.....2 |
| 2 BOLT MS20007-19.....16 | 6 SLIPPER ASSEMBLY MS25861....2 | 11 BOLT NAS1310-23.....2 |
| 3 WASHER MS20002C7.....24 | 7 PIN MS16562-250.....1 | 12 WASHER MS20002C10.....2 |
| 4 FITTING ASSEMBLY 9028004....1 | 8 SLIPPER MS25861-3.....1 | 13 BAR 8163507.....2 |
| SEE FIGURE 149 FOR DETAILS | 9 WASHER AN960-616.....2 | |

FIGURE 144. SHIPPING KIT, ROOSTER CLUSTER /INSTALLED/ /9028361/



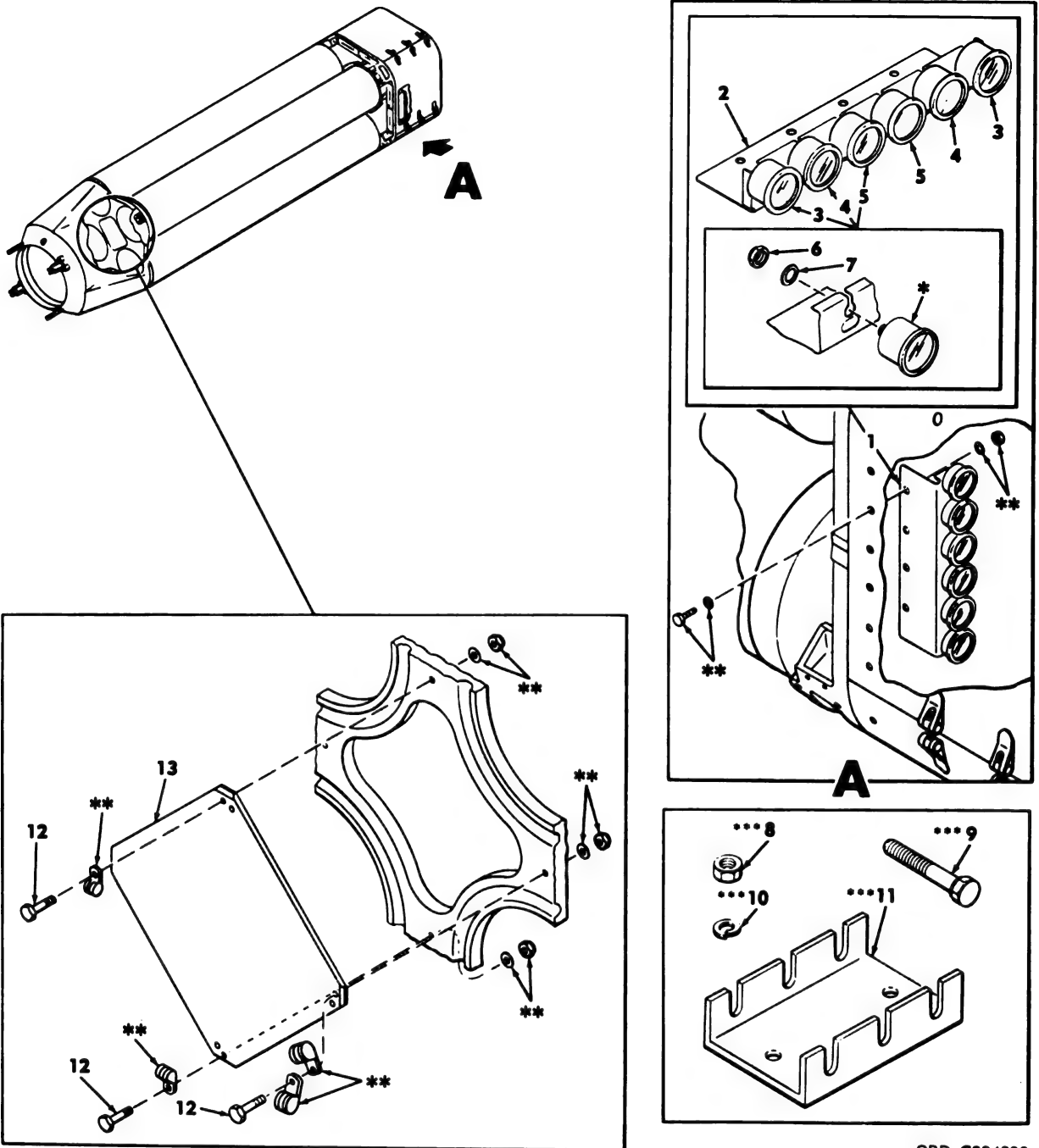
ORD G294939

1 CLAMP MS21919WDG9.....2
 2 WASHER AN960-10.....5
 3 NUT MS21044R3.....5
 4 SCREW MS35207-26A.....3
 5 CLAMP MS21919WDG5.....2

6 CABLE ASSEMBLY 997R099.....1
 SEE FIGURE 147 FOR DETAILS
 7 SHORTING RECEPTACLE
 90325R5.....1
 SEE FIGURE 148 FOR DETAILS

8 BRACKET AN743-12.....1
 9 SCREW MS35207-26A.....1
 10 CLAMP MS21919WDG15.....1
 11 SCREW MS35207-26A.....1

FIGURE 143. SHIPPING KIT, MONSTER CLUSTER /INSTALLED/ /9079361/
 /SEE FIGURE 136 FOR NEXT HIGHER ASSEMBLY/

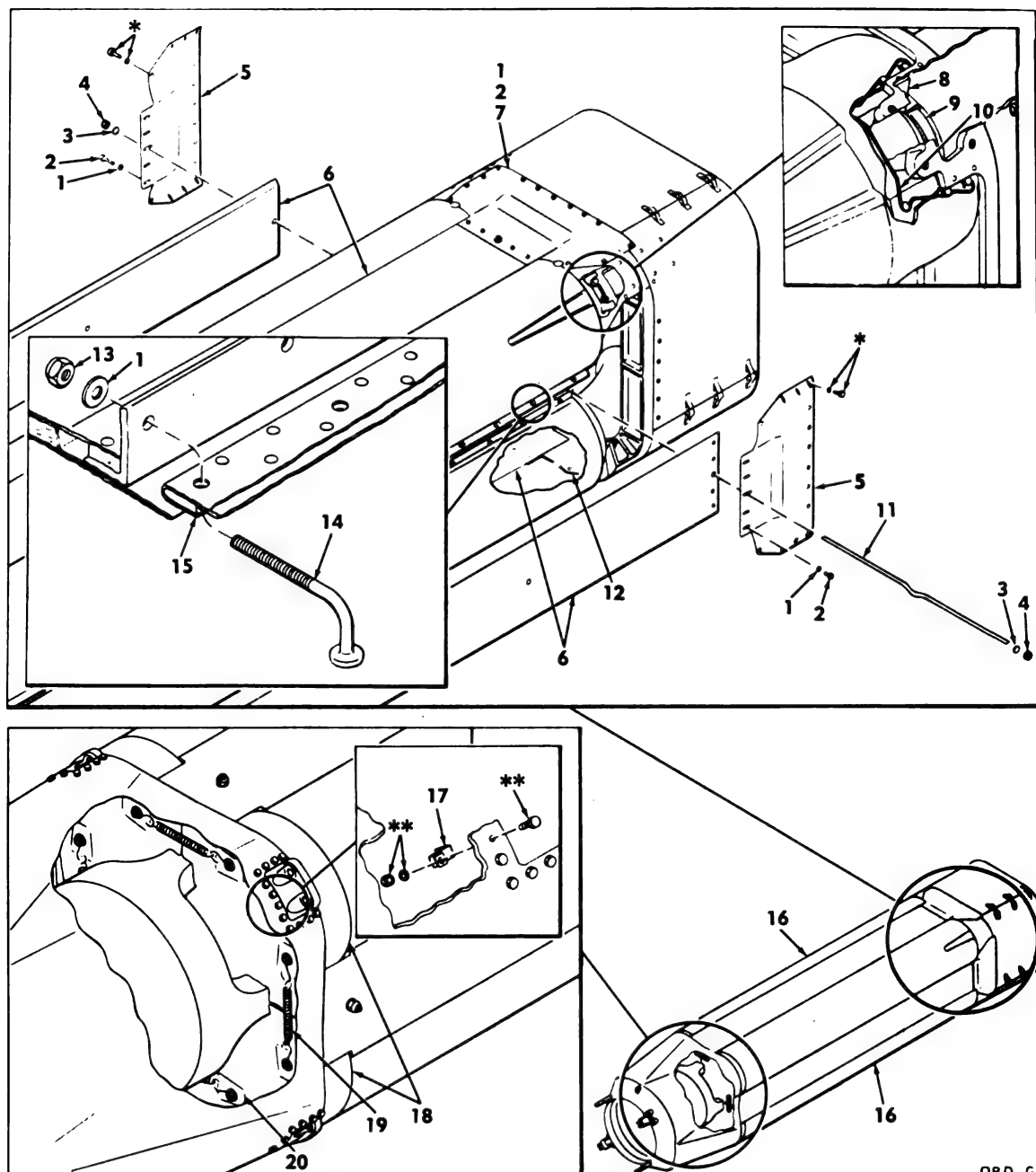


ORD G294938

| | |
|---|----------------------------|
| 1 THERMOMETER ASSEMBLY 9019224.....2 | 8 NUT MS51968-14.....2 |
| 2 BRACKET 9019229.....1 | 9 SCRFW MS90726-116.....2 |
| 3 THERMOMETER 9019972.....2 | 10 WASHER MS35338-48.....2 |
| 4 THERMOMETER 9019973.....2 | 11 CLAMP 9019852.....1 |
| 5 THERMOMETER 9019974.....2 | 12 BOLT NAS1003-12A.....3 |
| 6 NUT MS2108745.....1 | 13 PLATE 9017824.....1 |
| 7 WASHER MS27183-12.....1 | |

- * COMPONENT OF ITEMS 3, 4 AND 5
- ** COMPONENT OF SHIPPING KIT 9028341
- *** USED TO ATTACH WINTERIZATION KIT POWER CABLE TO LAUNCHING HANDLING RAIL

FIGURE 142. WINTERIZATION KIT, ROCKET MOTOR /INSTALLED/ /9027320/



ORD G336904

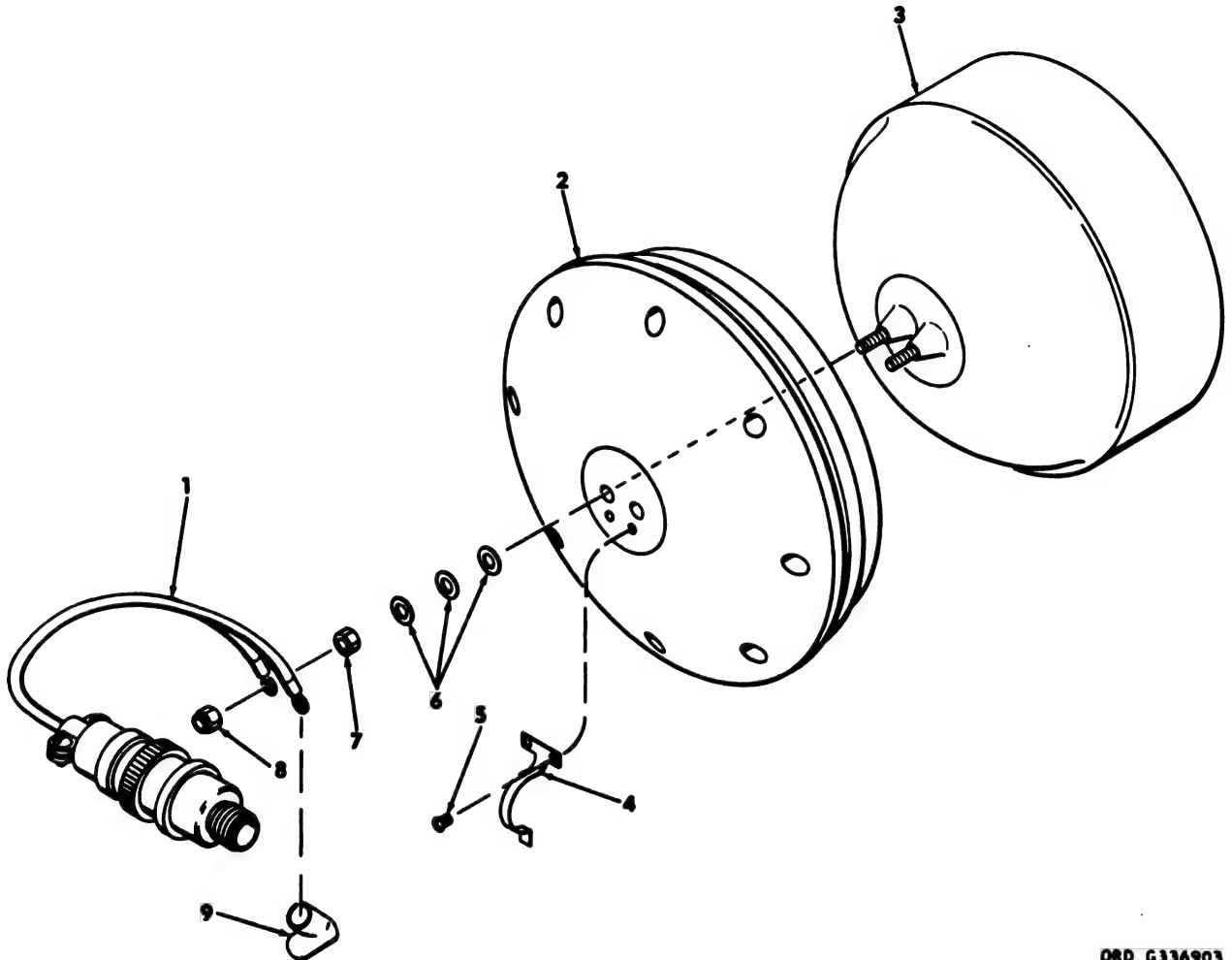
| | | |
|---|-------------------------|----|
| 1 | WASHER MS27183-R..... | 96 |
| 2 | BOLT AN3-4A..... | 16 |
| 3 | WASHER 61-0542-1..... | 16 |
| 4 | NUT MS21044N5..... | 16 |
| 5 | FAIRING 9017822..... | 2 |
| 6 | FAIRING 9017819..... | 4 |
| 7 | FAIRING 9017821..... | 1 |
| 8 | INSULATION 9027293..... | 4 |
| 9 | CLAMP 9018288..... | 4 |

| | | |
|----|----------------------|----|
| 10 | CLIP 9027294..... | 4 |
| 11 | RON 9017826..... | 8 |
| 12 | FAIRING 9017820..... | 1 |
| 13 | NUT MS21044N5..... | 90 |
| 14 | BOLT 9017823..... | 90 |
| 15 | BLANKET 9017837..... | 2 |
| 16 | BLANKET 9017836..... | 2 |
| 17 | CLIP 9027336..... | 4 |
| 18 | CLAMP 9018829..... | 4 |

| | | |
|----|----------------------|---|
| 19 | SPRING 9027338..... | 4 |
| 20 | BLANKET 9027337..... | 1 |

* COMPONENT OF SHIPPING KIT
9028341
** COMPONENT OF THRUST ASSEMBLY
9028004

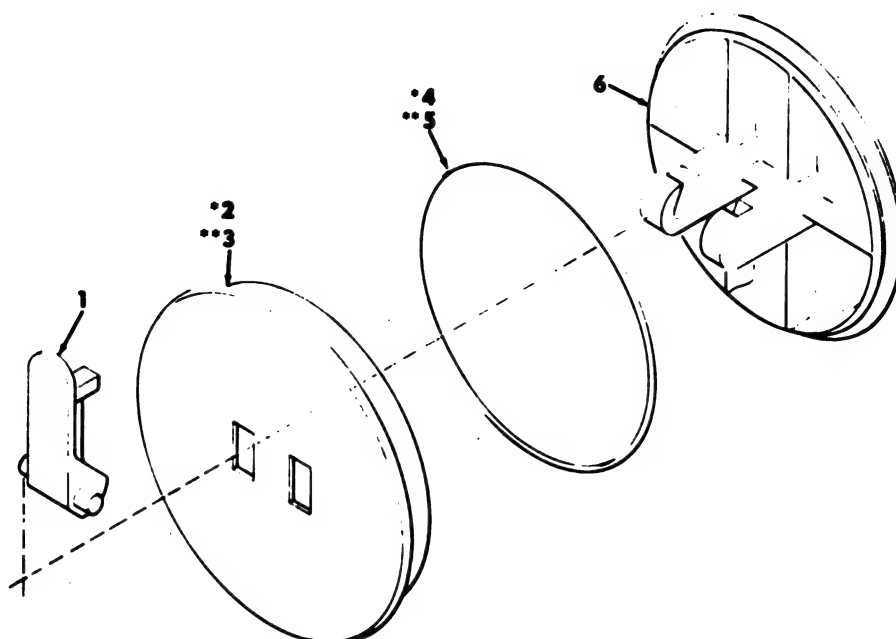
FIGURE 141. WINTERIZATION KIT, ROCKET MOTOR /INSTALLED/ /9027320/
/SEE FIGURE 136 FOR NEXT HIGHER ASSEMBLY/



ORD G336903

| | | | | | |
|---|-----------------------------|---|-------------------------|---|-----------------------|
| 1 | CABLE ASSMPLY 8029064.....1 | 3 | CARTRIDGE 8031023.....1 | 7 | NUT MS19649-262.....2 |
| | SEE FIGURE 171, NUMBER 12 | 4 | CLIP 8034509.....1 | 8 | NUT MS21044N06.....2 |
| | FOR DETAILS | 5 | SCREW MS19206-225.....2 | 9 | COVER 8029048.....2 |
| 2 | HEAD 8029049.....1 | 6 | GASKET 8029045.....6 | | |

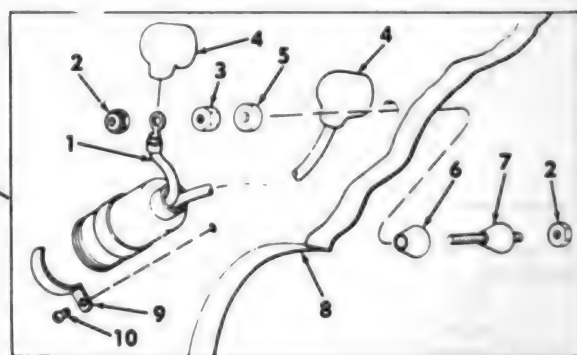
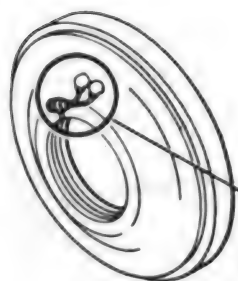
FIGURE 140. IGNITER, ROCKET MOTOR, XM69 /8031024/
/SEE FIGURE 136 FOR NEXT HIGHER ASSEMBLY/



MI 39363

| | | |
|-------------------------------|-------------------------------|---------------------------------|
| 1 CLAMP 8030970.....1 | 4 PACKING AN6227R58.....1 | * FOR CLOSURE ASSEMBLY 8030967 |
| 2 CLOSURE PLATE 8030969.....1 | 5 PACKING AN6227-59.....1 | ** FOR CLOSURE ASSEMBLY 8031040 |
| 3 CLOSURE PLATE 8031044.....1 | 6 CLOSURE PLATE 8030968.....1 | |

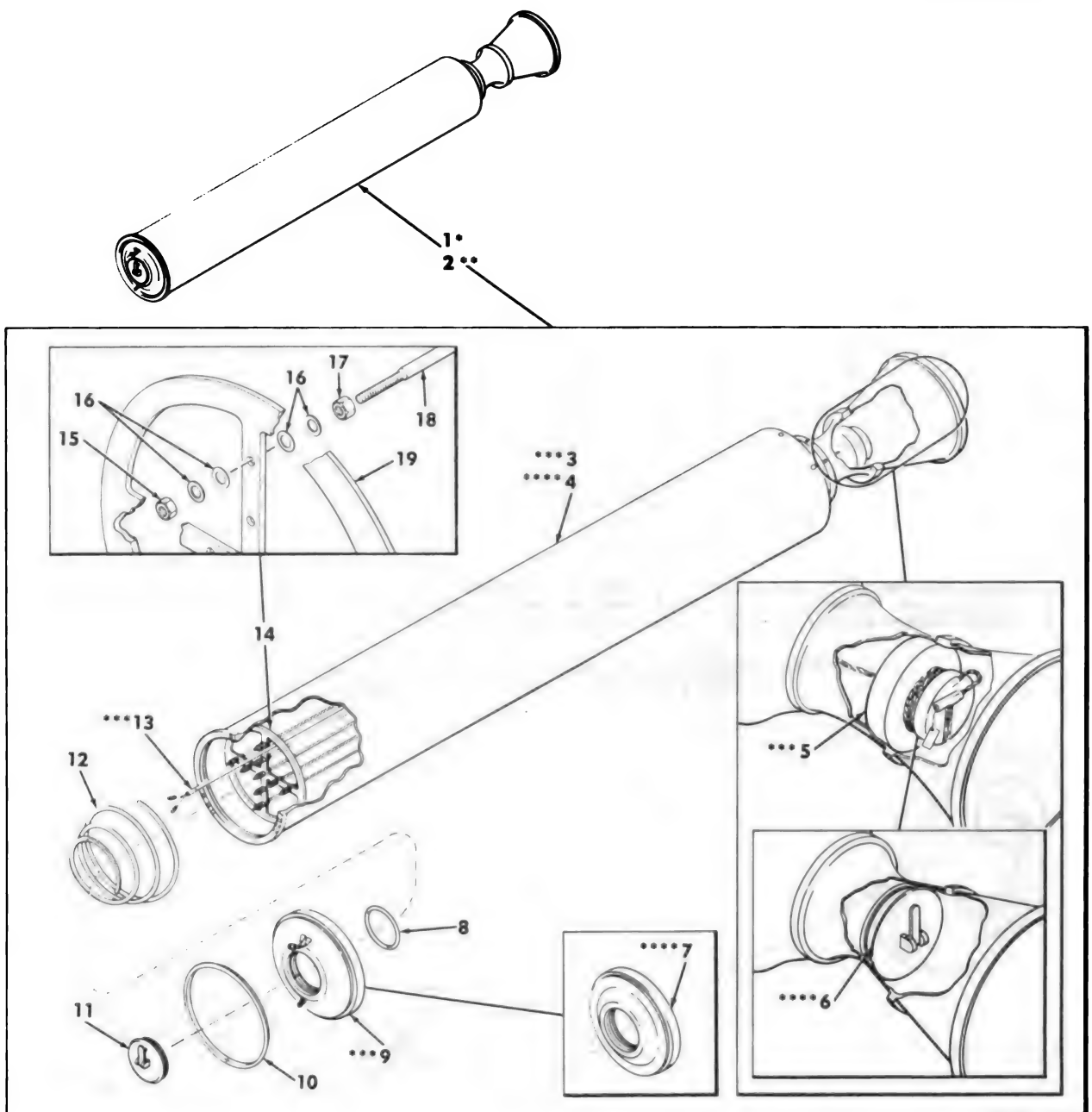
FIGURE 138. CLOSURE ASSEMBLY, SHIPPING /8030967 AND 8031040/
/SEE FIGURE 137 FOR NEXT HIGHER ASSEMBLY/



ORD 6336901

| | | |
|--|---------------------------|----------------------------|
| 1 WIRING HARNESS 8025049.....1 | 3 NUT MS35649-262.....2 | 7 NUT 8025044.....2 |
| SEE FIGURE 171, NUMBER 31 FOR DETAILS | 4 COVER 8025048.....2 | 8 HEAD 8025069.....1 |
| 2 NUT MS21044406.....4 | 5 GASKET 8025045.....2 | 9 CLIP 8025043.....1 |
| | 6 INSULATOR 8025047.....2 | 10 SCREW MS35206-225.....1 |

FIGURE 139. HEAD ASSEMBLY /8025012/
/SEE FIGURE 137 FOR NEXT HIGHER ASSEMBLY/

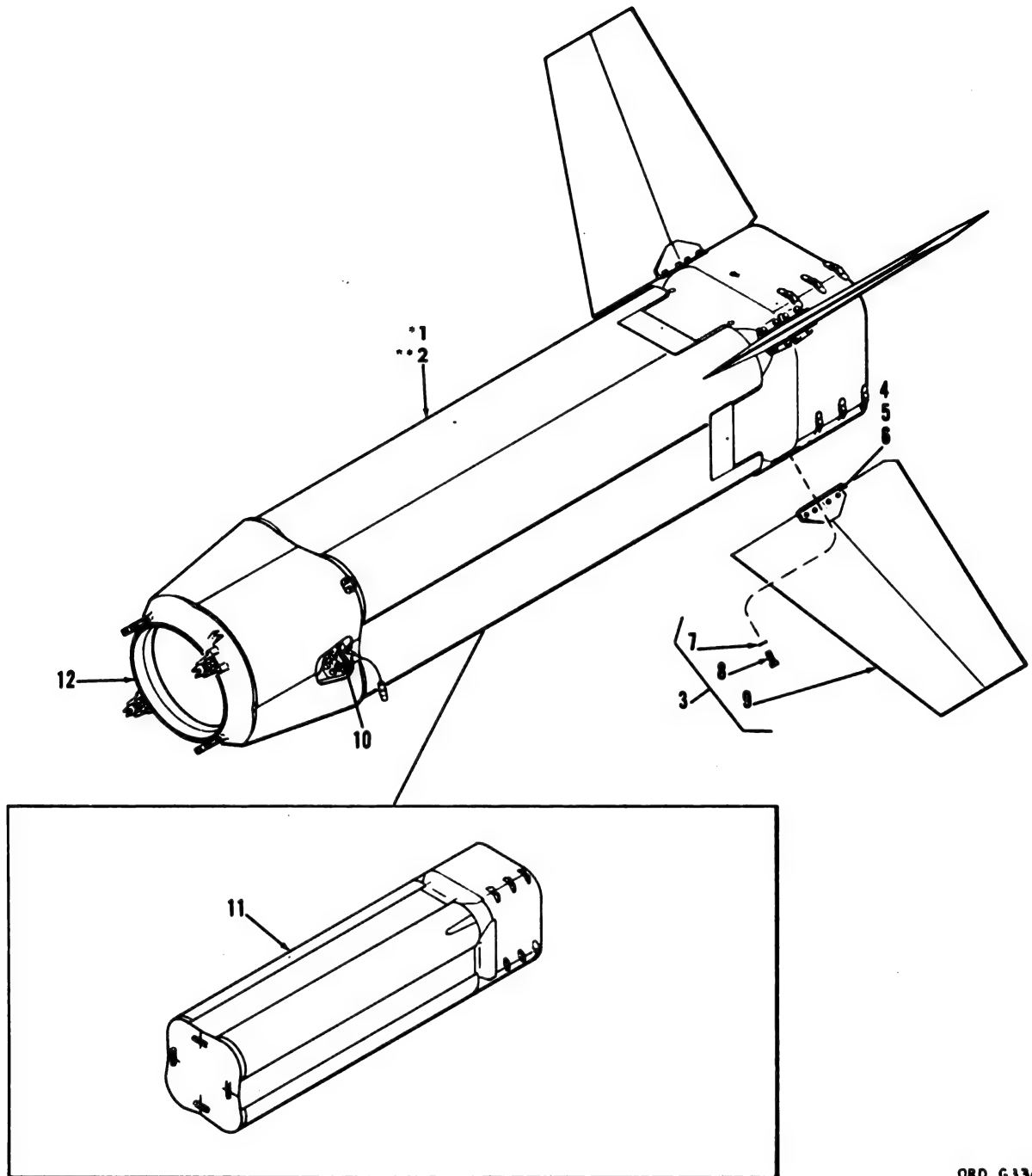


ORD G294931

- | | | | | | |
|---|----------------------------|----|----------------------------|----|-----------------------|
| 1 | ROCKET MOTOR 8030046.....1 | 9 | HEAD ASSEMBLY | 15 | NUT MS21044M3.....9 |
| 2 | ROCKET MOTOR 8030810.....1 | | 8025012.....1 | 16 | WASHER 8030931.....36 |
| 3 | BODY 8030044.....1 | | SEE FIGURE 139 FOR DETAILS | 17 | NUT MS35650-302.....9 |
| 4 | ROCKET MOTOR BODY | 10 | RING 8025082.....1 | 18 | ROD 8025031.....9 |
| 5 | CLOSURE ASSEMBLY | 11 | CLOSURE 8030967.....1 | 19 | SUPPORT 8030932.....1 |
| | 8030041.....1 | | SEE FIGURE 138 FOR DETAILS | | |
| 6 | CLOSURE ASSEMBLY | 12 | SPRING 8025098.....1 | | |
| | 8031040.....1 | 13 | WIRING HARNESS | | |
| | SEE FIGURE 138 FOR DETAILS | | 8030004.....1 | | |
| 7 | HEAD 8030784.....1 | | SEE FIGURE 171, NUMBER 30 | | |
| 8 | PACKING 8025016.....1 | | FOR DETAILS | | |
| | | 14 | ROD 8025087.....1 | | |

* FOR LOADING ASSEMBLY 8030045
 ** FOR LOADING ASSEMBLY 8030811
 *** COMPONENT OF ITEM 1
 **** COMPONENT OF ITEM 2

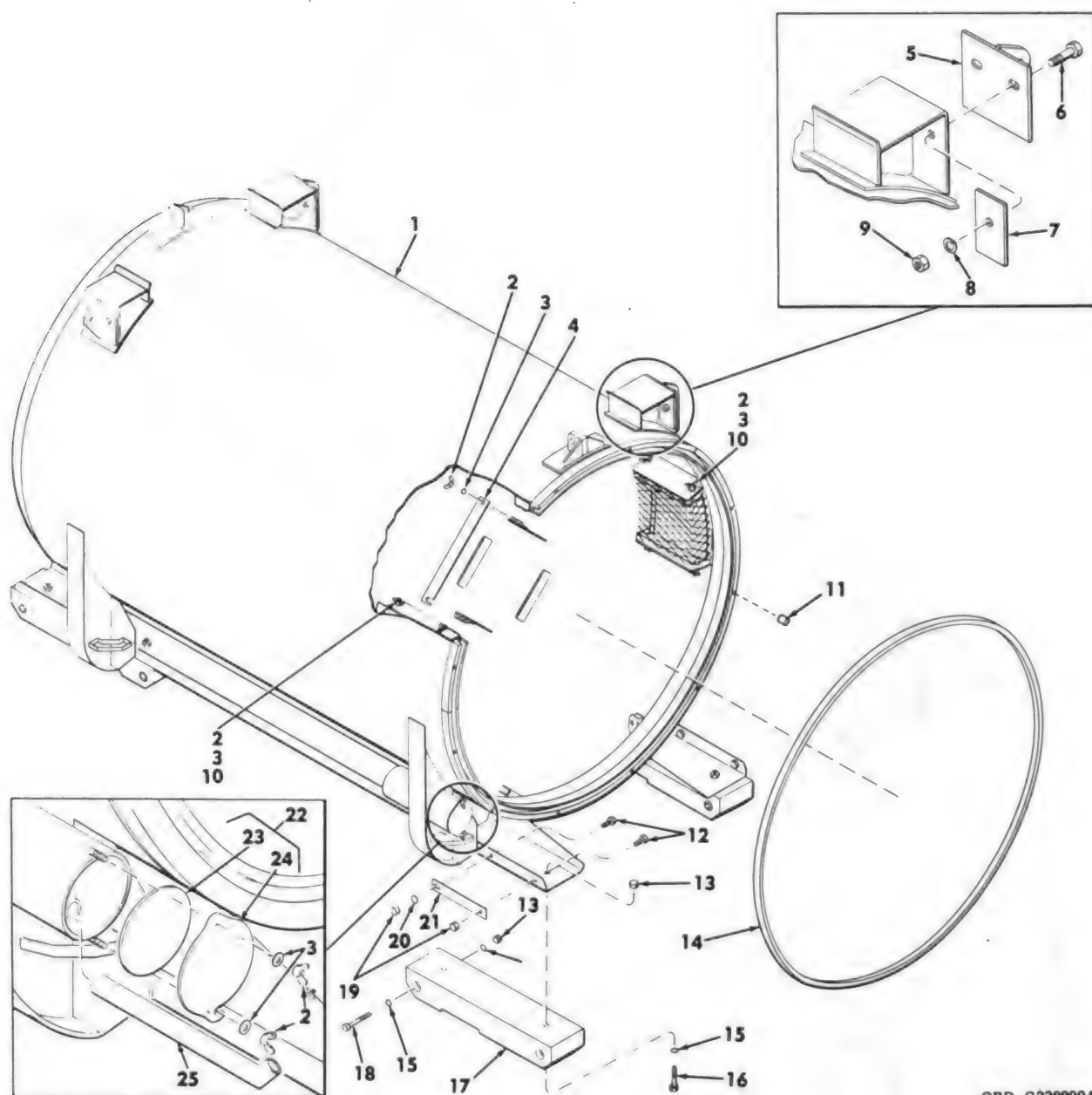
FIGURE 137. LOADING ASSEMBLY, ROCKET MOTOR /8030045 AND 8030811/
 /SEE FIGURE 136 FOR NEXT HIGHER ASSEMBLY/



ORD G336900

- | | | | | | |
|---|--------------------------------|----|----------------------------|----|----------------------------|
| 1 | LOADING ASSEMBLY R030045.....4 | 7 | WASHER AN960-R16.....32 | 12 | SHIPPING KIT 9028341.....1 |
| | SEE FIGURE 137 FOR DETAILS | 8 | BOLT R164466.....32 | | SEE FIGURE 143 FOR DETAILS |
| 2 | LOADING ASSEMBLY R030811.....4 | 9 | FIN ASSEMBLY R530459.....4 | | |
| | SEE FIGURE 137 FOR DETAILS | 10 | IGNITER R031024.....4 | | |
| 3 | SHIPPING KIT 9028340.....1 | | SEE FIGURE 140 FOR DETAILS | | |
| 4 | SCREW MS24694S151.....20 | 11 | WINTERIZATION KIT | | |
| 5 | NUT MS21044N5.....20 | | 9027320.....1 | | |
| 6 | WASHER AN960-516.....20 | | SEE FIGURE 141 FOR DETAILS | | |
- * FOR ROCKET MOTOR R525R83
** FOR ROCKET MOTOR 9020717

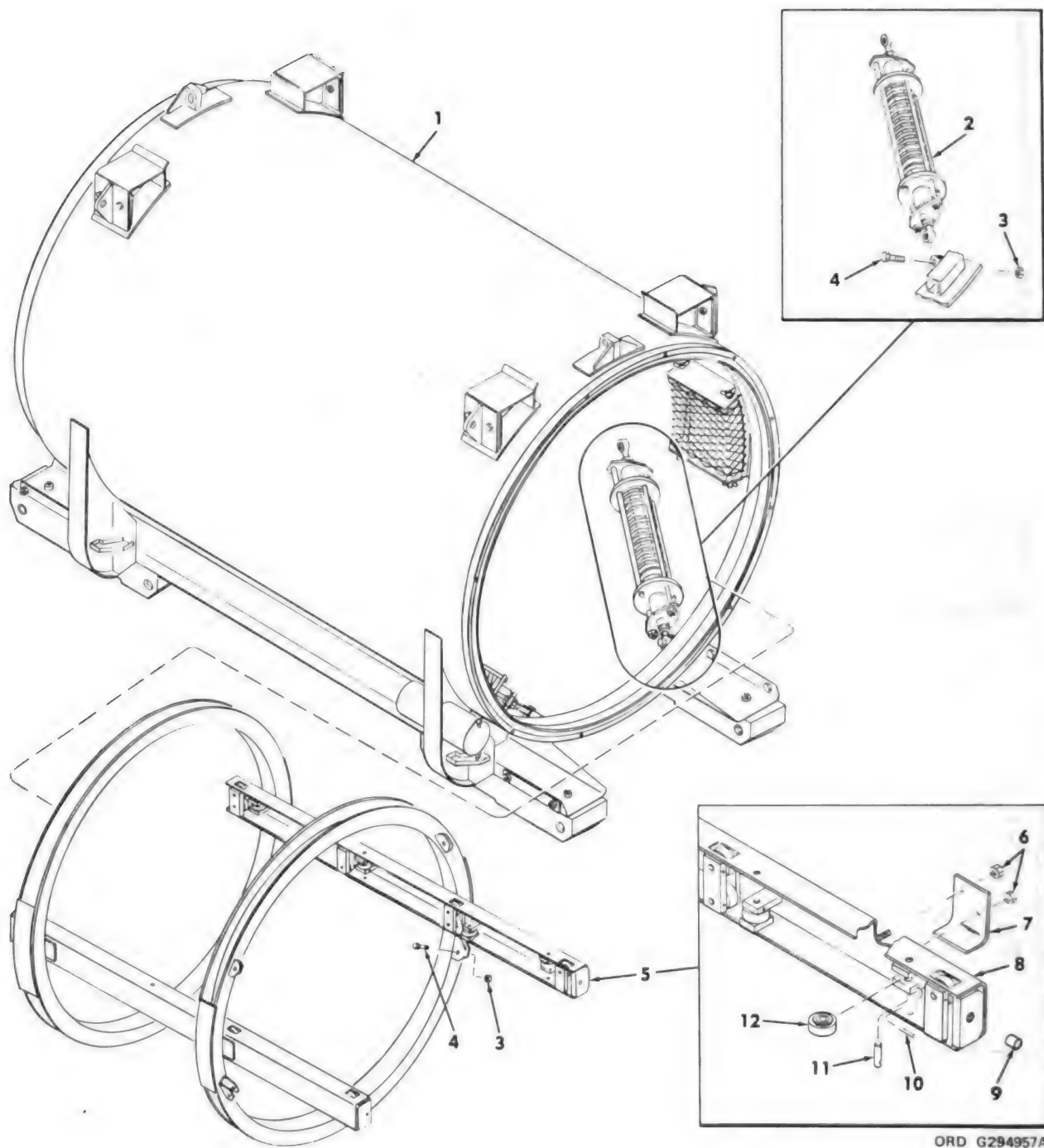
FIGURE 136. ROCKET MOTOR, M42 /X442F2 R525R83 AND M42A1 9020717/



ORD G336899A

| | | | | | |
|---|------------------------------------|----|--------------------------|----|------------------------------|
| 1 | CONTAINER ASSMRLY 9031494.....1 | 9 | NUT MS51968-14.....4 | 18 | SCREW MS90725-176.....8 |
| 2 | NUT MS35425-41.....12 | 10 | DOOR 9019902.....4 | 19 | NUT MS51922-33.....8 |
| 3 | WASHER MS27183-12.....12 | 11 | INSERT MS124667.....12 | 20 | WASHER MS27183-18.....4 |
| 4 | STRAP 9031521.....1 | 12 | SCREW MS90725-112.....8 | 21 | STRAP 9031503.....4 |
| 5 | PAD 9019991.....4 | 13 | NUT MS51922-49.....16 | 22 | COVER ASSEMBLY MS25674.....1 |
| 6 | SCREW MS90726-115.....8 | 14 | SEAL 9019882.....1 | 23 | GASKET MS25677.....1 |
| 7 | PLATE 9019990.....8 | 15 | WASHER MS27183-21.....24 | 24 | COVER MS25674-3.....1 |
| 8 | WASHER MS35338-48.....4 | 16 | SCREW MS90725-177.....8 | 25 | HANDLE MS25679.....1 |
| | | 17 | SKID 9031491.....4 | | |

FIGURE 135. CONTAINER ASSMRLY, BOLTED, WARHEAD /9031495/
/SEE FIGURE 134 FOR NEXT HIGHER ASSMRLY/



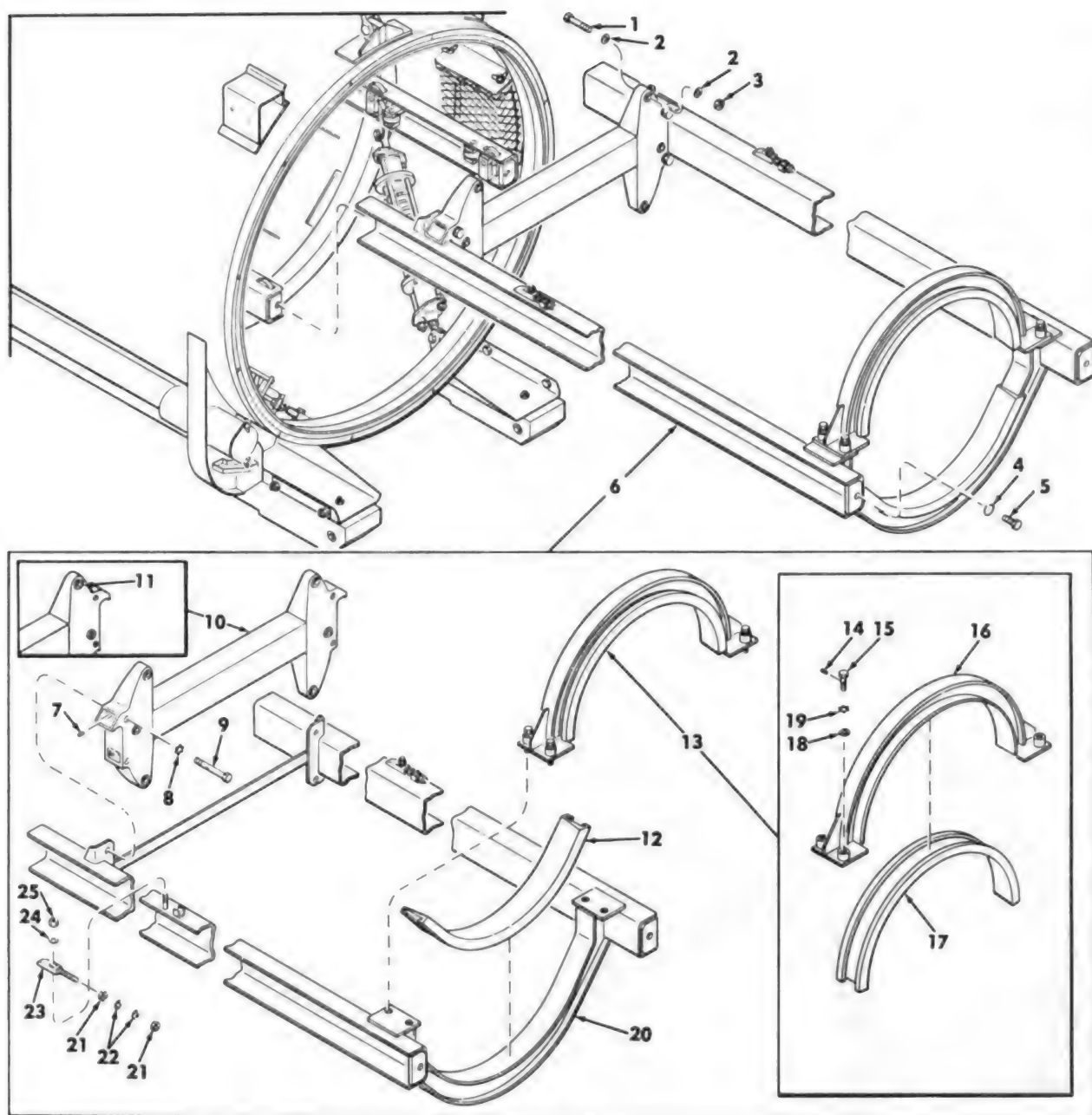
ORD G294957A

1 CONTAINER ASSEMBLY
9031495.....1
SEE FIGURE 135 FOR DETAILS
2 STRUT ASSEMBLY 9031466-2.....8
SEE FIGURE 130 FOR DETAILS
3 NUT M551927-49.....16

4 SCREW M590725-165.....16
5 TRACK ASSEMBLY 9031493.....1
6 NUT M551922-13.....2
7 STOP 9031506.....1
8 RAIL ASSEMBLY
9031504.....1

9 INSERT M51270AP.....2
10 PIN M535674-19.....20
11 PIN 9525646.....20
12 BEARING 902R266.....20

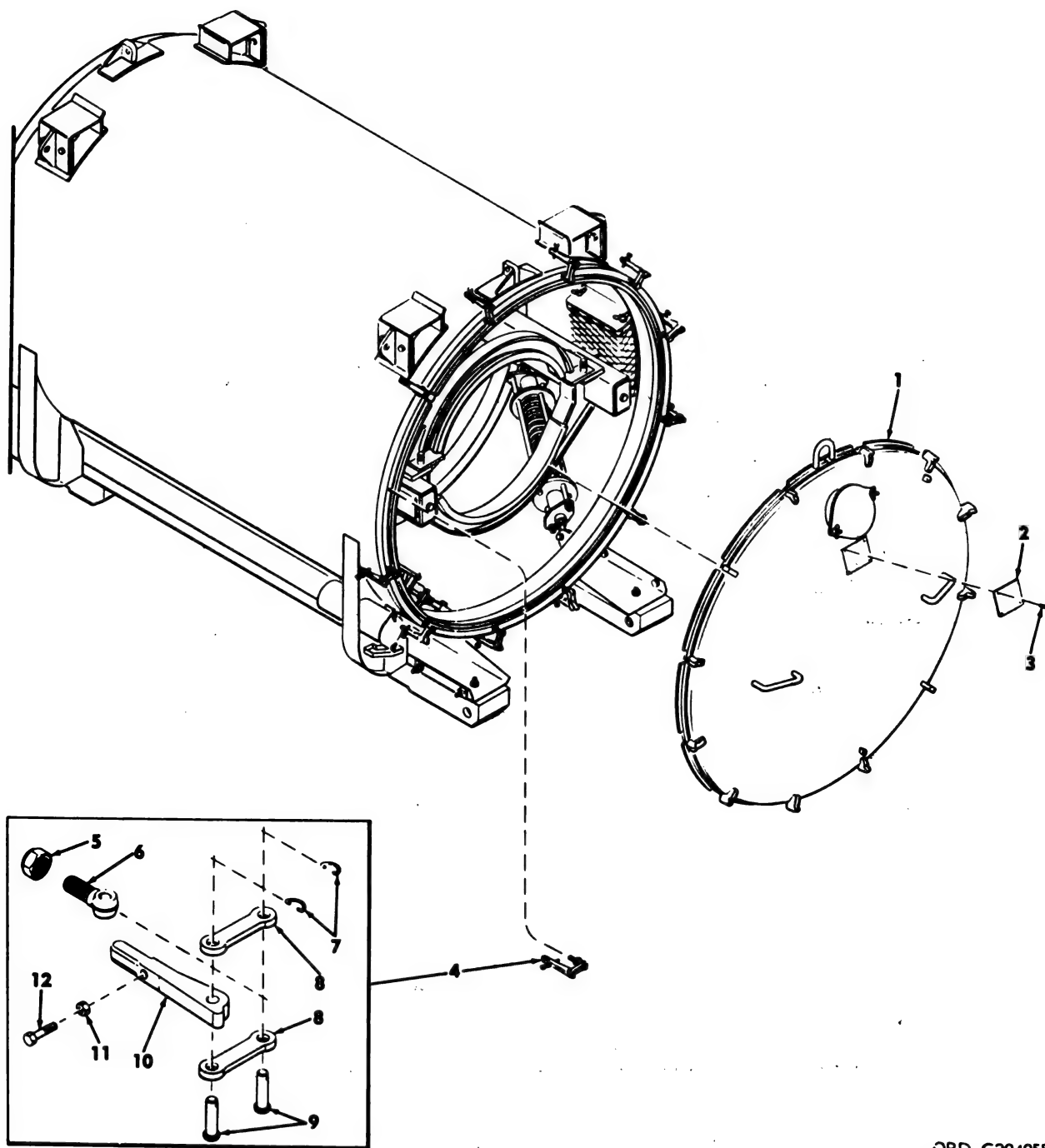
FIGURE 134. SHIPPING AND STORAGE CONTAINER, WARHEAD SECTION, M409 / 9031006/



ORD G339071

| | | |
|--------------------------------|---------------------------------|-----------------------------------|
| 1 BOLT MS90726-43.....6 | 10 BRACKET ASSEMBLY | 18 WASHER MS27183-18.....4 |
| 2 WASHER MS27183-12.....12 | 9031482.....1 | 19 WASHER MS35355-37.....4 |
| 3 NUT MS2104445.....6 | 11 WASHER 9031484.....6 | 20 PAIL ASSEMBLY 9031477.....1 |
| 4 WASHER MS35378-51.....2 | 12 PAD 9031465-2.....1 | 21 NUT MS35691-33.....4 |
| 5 SCREW MS91099-15R.....2 | 13 STRAP ASSEMBLY 9031474.....1 | 22 WASHER MS27183-18.....4 |
| 6 TRACK ASSEMBLY 9031471.....1 | 14 PIN MS35674-13.....4 | 23 WEDGE LOCK TRACK 9031483.....2 |
| 7 PIN MS35674-13.....4 | 15 SCREW 9030569.....4 | 24 WASHER MS27183-15.....2 |
| 8 WASHER MS35375-37.....4 | 16 STRAP 9031473.....1 | 25 NUT MS51922-17.....2 |
| 9 SCREW 9031485.....4 | 17 PAD 9031465-1.....1 | |

FIGURE 133. SHIPPING AND STORAGE CONTAINER, WARHEAD SECTION, M409 /9031006/



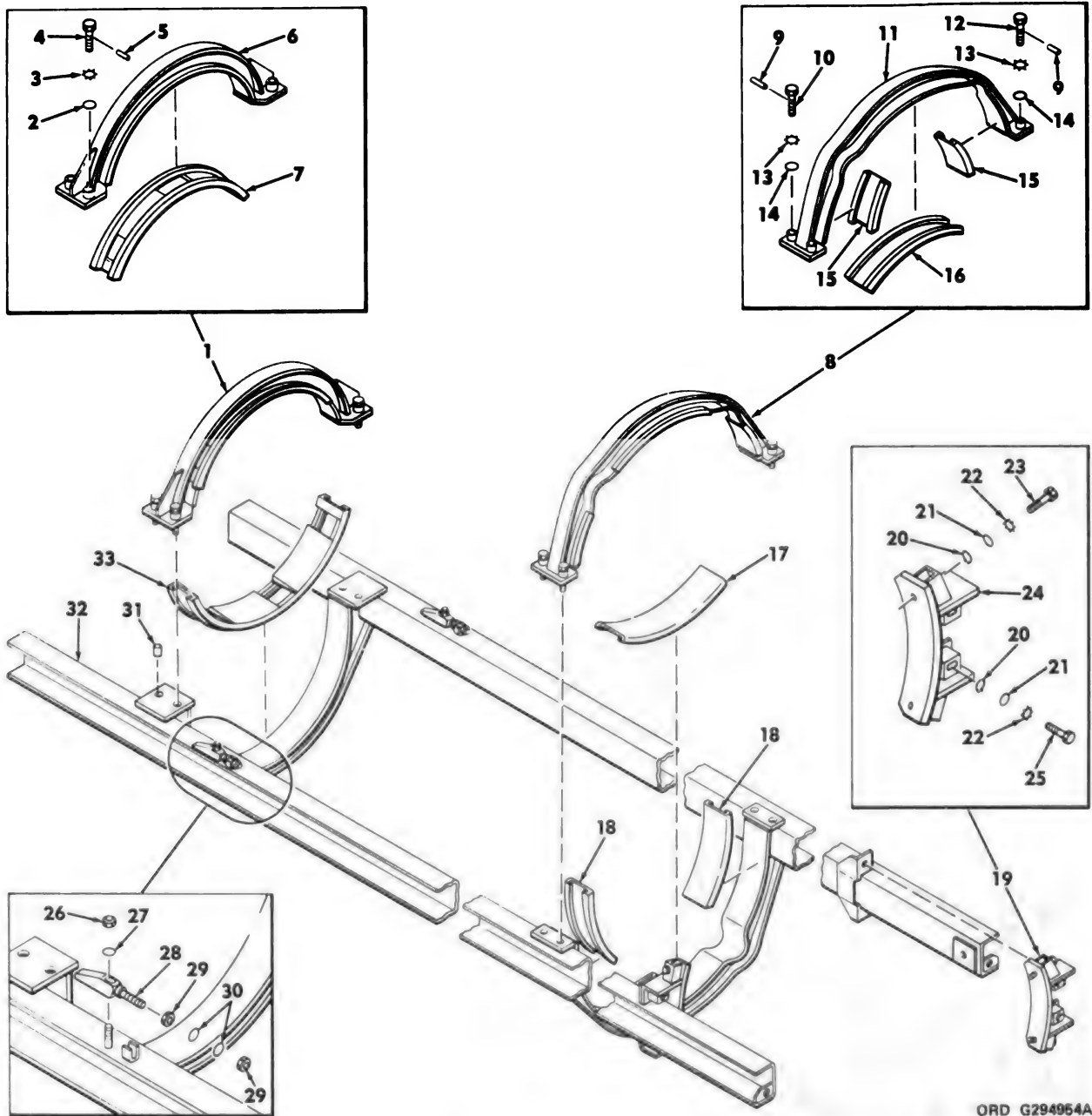
ORD G294955

1 COVER 9019874.....1
 SEE FIGURE 127 FOR DETAILS
 2 NAMEPLATE 4525605.....2
 3 SCREW 4521318-15.....8
 4 FASTENER 9031486.....12

5 NUT 4535691-53.....1
 6 BOLT 9031502.....1
 7 CLIP 9028761.....2
 8 LINK 9031488.....2
 9 PIN 4520397-6L41.....2

10 HANDLE 9031489.....1
 11 NUT 4535691-9.....1
 12 BOLT 4590725-36.....1

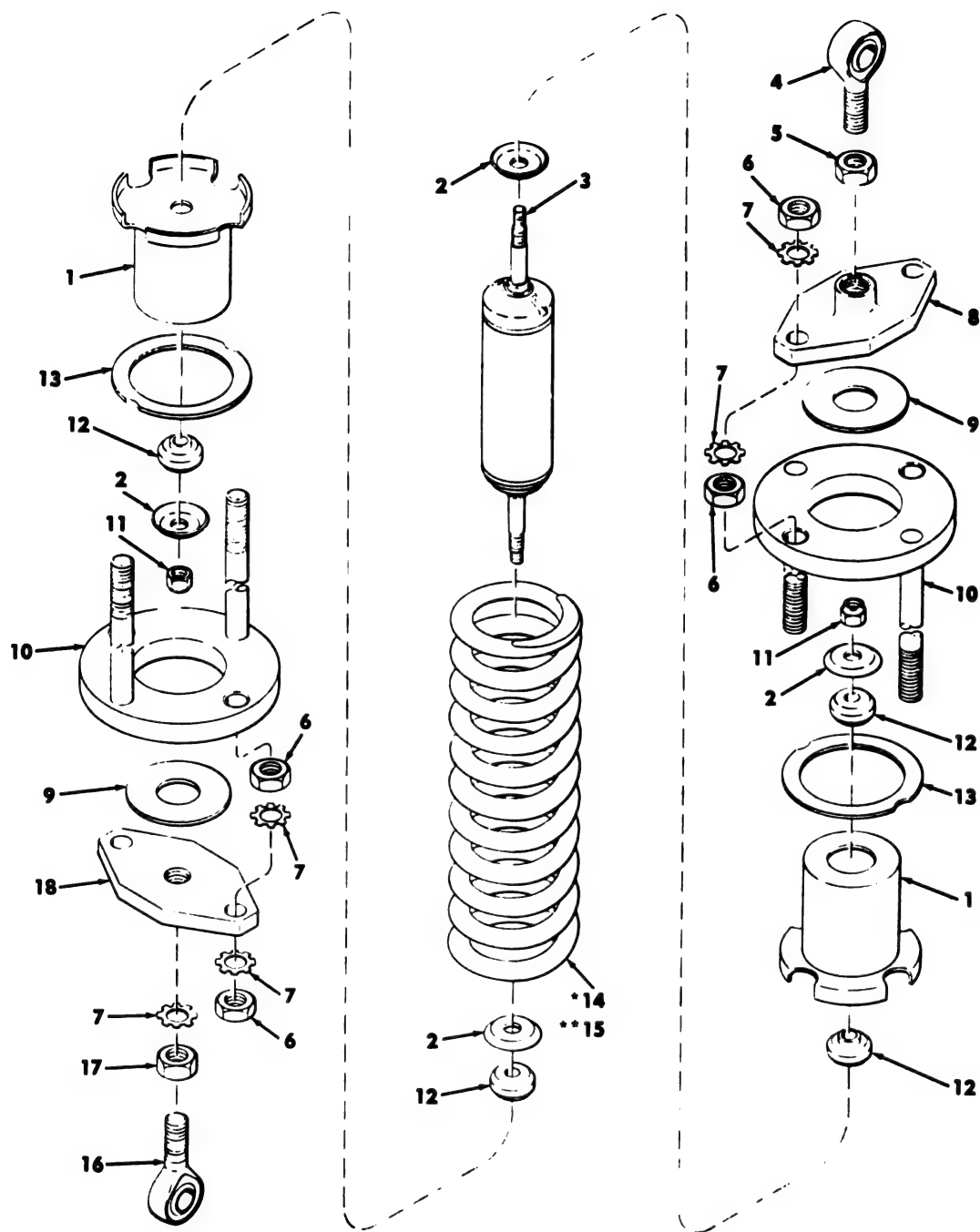
FIGURE 132. SHIPPING AND STORAGE CONTAINER, WARHEAD SECTION, M409 /9031006/



ORD G294954A

| | | | | | |
|----|------------------------------|----|--------------------------------|----|--------------------------------|
| 1 | STRAP ASSEMBLY 9031475.....1 | 14 | WASHER MS27183-18.....4 | 25 | SCREW MS90725-118.....2 |
| 2 | WASHER MS27183-18.....4 | 15 | PAD 9031462-2.....2 | 26 | NUT MS51922-17.....2 |
| 3 | WASHER MS35335-37.....4 | 16 | PAD 9031462-1.....1 | 27 | WASHER MS27183-15.....2 |
| 4 | SCREW 9030569.....4 | 17 | CUSHION 9031462.....1 | 28 | WEDGE LOCK TRACK 9031483.....2 |
| 5 | PIN MS35674-13.....4 | 18 | PAD 9031462-3.....2 | 29 | NUT MS35691-33.....4 |
| 6 | STRAP 9031473.....1 | 19 | BRACKET ASSEMBLY 8525694.....2 | 30 | WASHER MS27183-18.....4 |
| 7 | PAD 9019510.....1 | 20 | RING MS16633-1050.....4 | 31 | INSERT 9978143.....8 |
| 8 | STRAP ASSEMBLY 9031476.....1 | 21 | WASHER MS27183-18.....4 | 32 | RAIL ASSEMBLY 9031505.....1 |
| 9 | PIN MS35674-13.....4 | 22 | WASHER MS35335-37.....4 | 33 | PAD 9019510.....1 |
| 10 | BOLT MS25699.....2 | 23 | SCREW MS90726-117.....2 | | |
| 11 | STRAP 9031461.....1 | 24 | BRACKET ASSEMBLY 9031451.....1 | | |
| 12 | SCREW 9030569.....2 | | | | |
| 13 | WASHER MS35335-37.....4 | | | | |

FIGURE 131. TRACK ASSEMBLY, MOVABLE, AFT BODY /9031499/
/SEE FIGURE 126 FOR NEXT HIGHER ASSEMBLY/



MI 39362

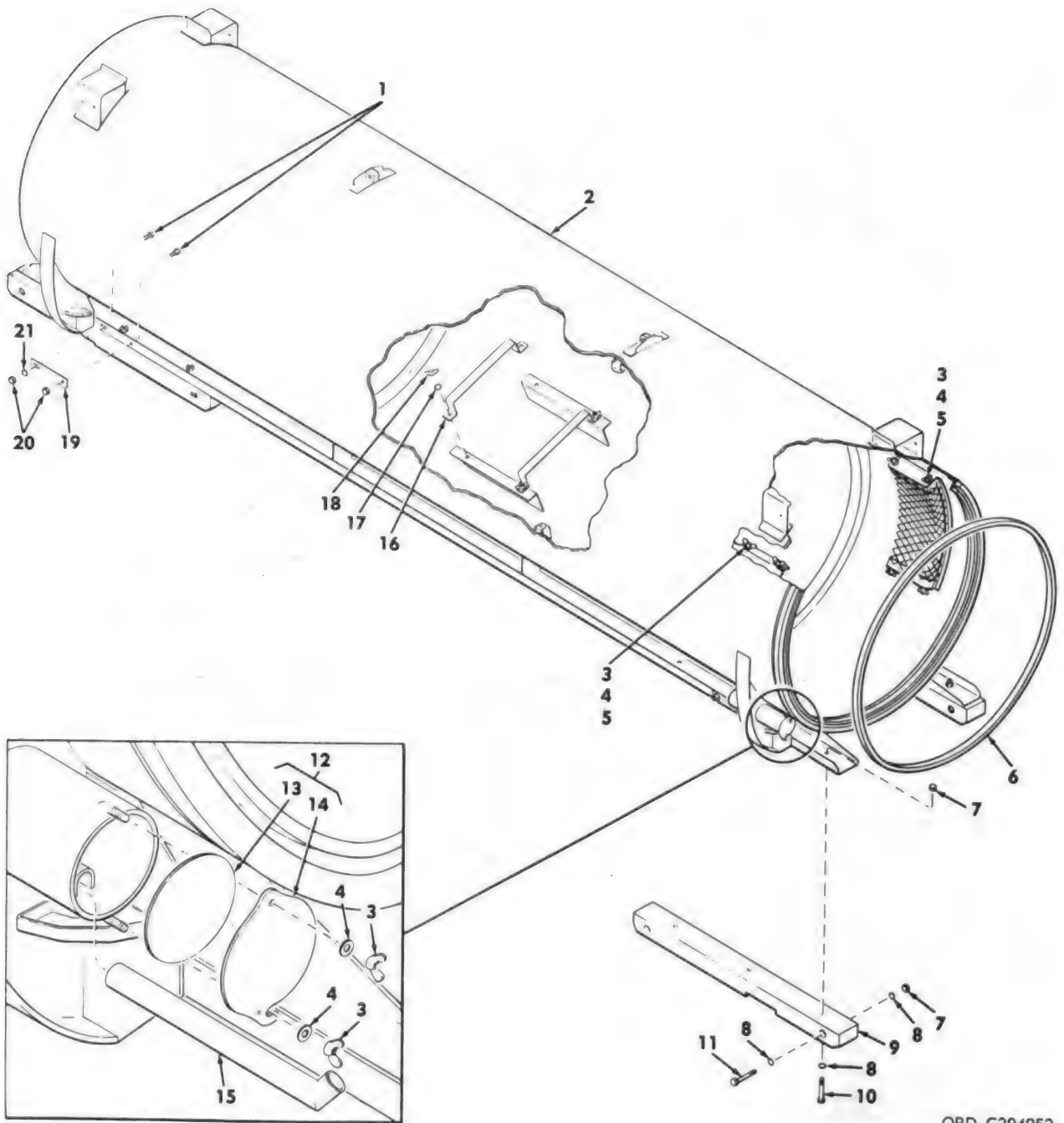
1 CUP ASSEMBLY 9031470.....2
 2 RETAINER 9030551.....4
 3 SHOCK ABSORBER 8525691.....1
 4 BEARING 9020597.....1
 5 NUT MS45905517.....1
 6 NUT MS35691-49.....8
 7 WASHER MS35135-39.....9
 8 PLATE 9028086.....1

9 PAD 9030556.....2
 10 RING ASSEMBLY 9030555.....2
 11 NUT MS21045-6.....2
 12 BUSHING 9019231.....4
 13 CUSHION 9030554.....2
 14 SPRING 9031468.....1
 15 BEARING 9020594.....1

17 NUT MS35691-53.....1
 18 PLATE 9030557.....1

* FOR STRUT ASSEMBLY 9031466-1
 ** FOR STRUT ASSEMBLY 9031466-2

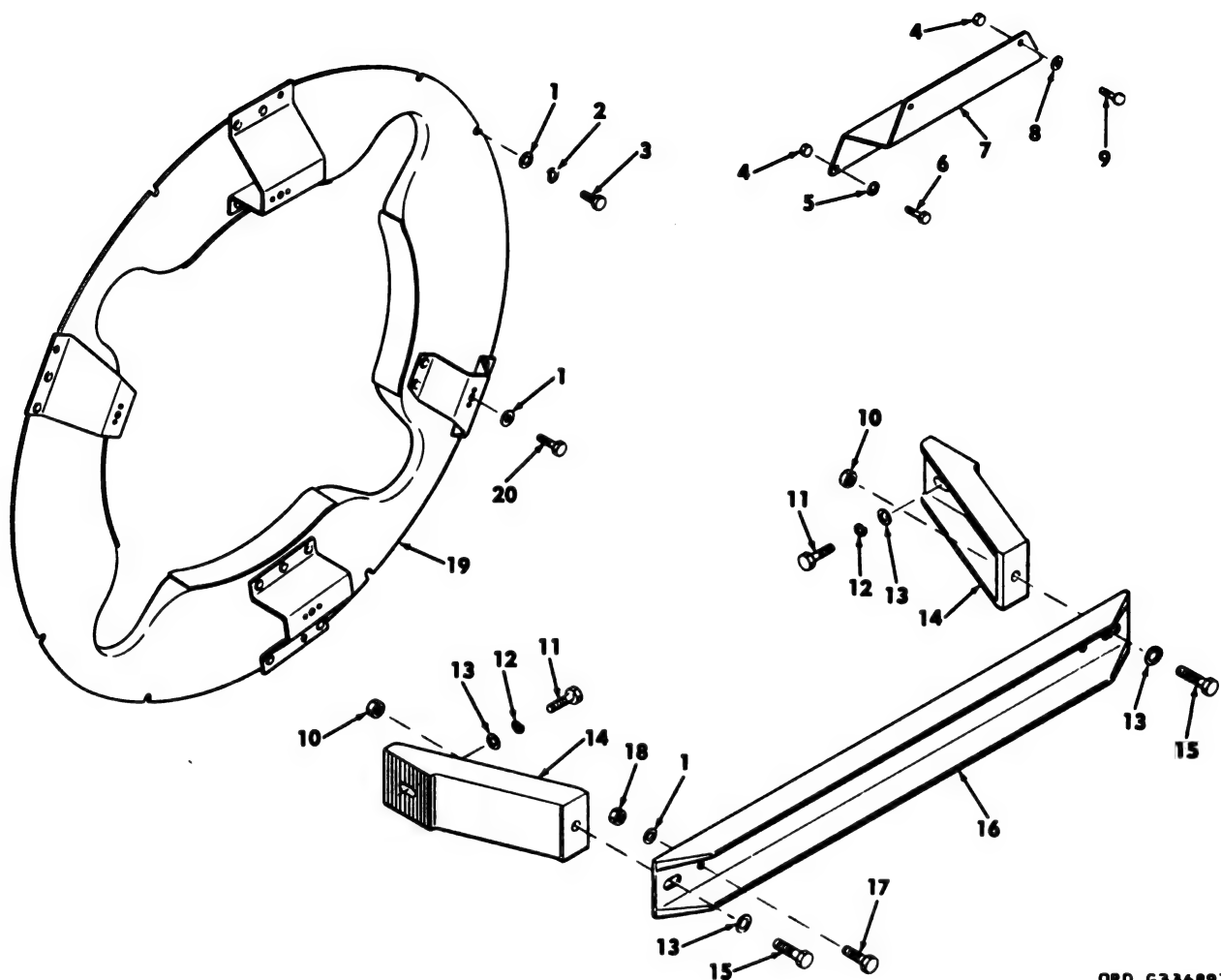
FIGURE 170. STRUT ASSEMBLY, SUSPENSION /9031466-1 AND 9031466-2/
 /SEE FIGURES 126 AND 134 FOR NEXT HIGHER ASSEMBLIES/



ORD G294952

| | | | | | |
|---|-------------------------------------|----|------------------------------|----|-------------------------|
| 1 | SCREW MS90725-117.....4 | 8 | WASHER MS27183-21.....20 | 16 | STRAP 9028063.....2 |
| 2 | CONTAINER ASSEMBLY 9031496.....1 | 9 | SKID 9031492.....4 | 17 | WASHER MS27183-10.....4 |
| 3 | NUT MS35425-41.....10 | 10 | SCREW MS90725-172.....12 | 18 | NUT MS35425-39.....4 |
| 4 | WASHER MS27183-12.....10 | 11 | SCREW MS90725-176.....8 | 19 | STRAP 9031503.....4 |
| 5 | DOOR 9019902.....4 | 12 | COVER ASSEMBLY 8525674.....1 | 20 | NUT MS51922-33.....8 |
| 6 | SEAL 9019882.....1 | 13 | GASKET 8525677.....1 | 21 | WASHER MS27183-18.....4 |
| 7 | NUT MS51922-49.....20 | 14 | COVER 8525674-3.....1 | | |
| | | 15 | HANDLE 8525679.....1 | | |

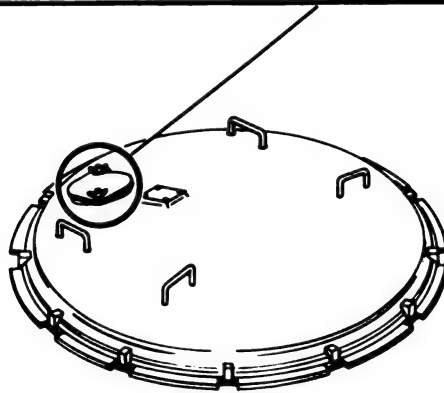
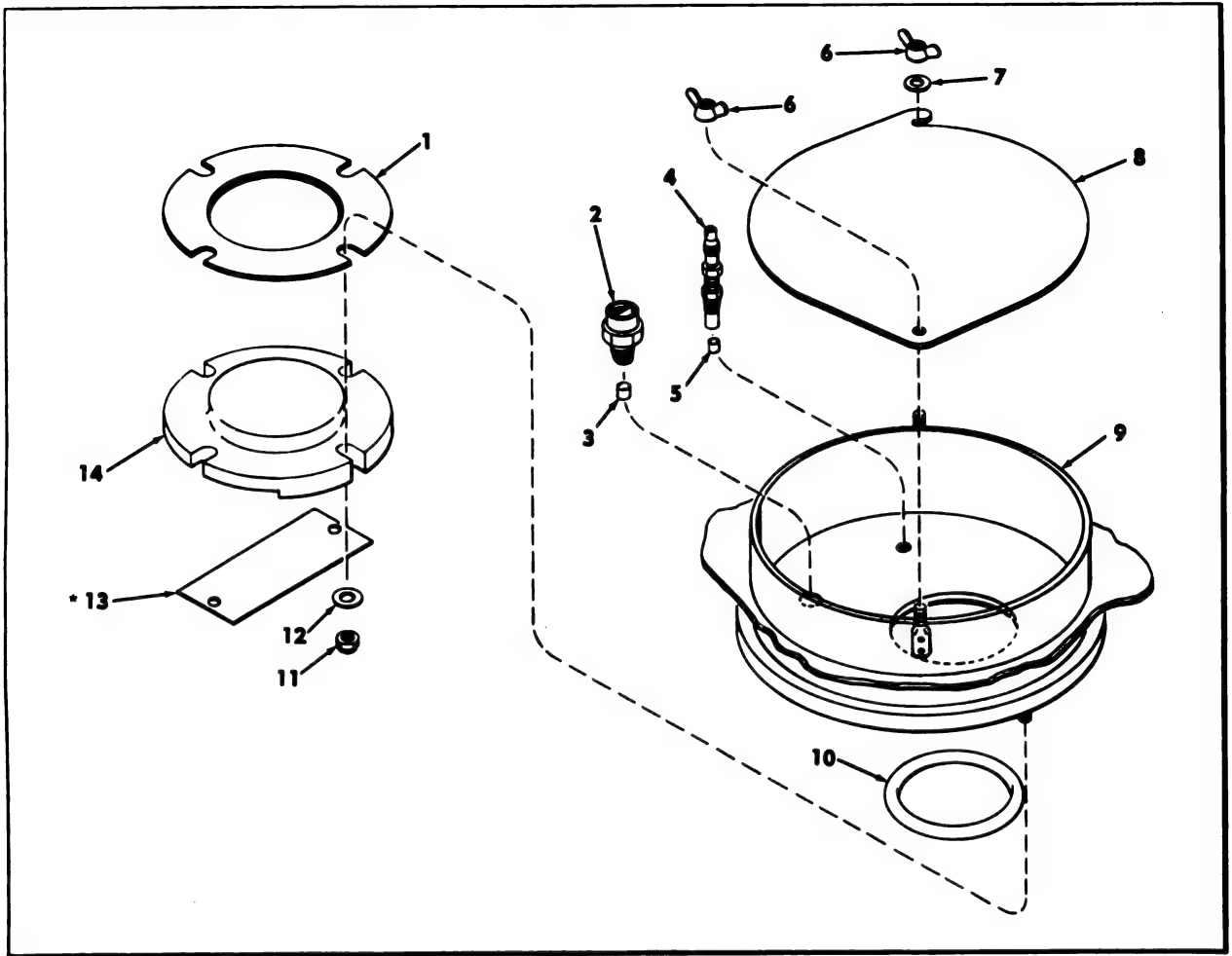
FIGURE 129. CONTAINER ASSEMBLY, BOLTED, AFT BODY /9031497/
/SEE FIGURE 126 FOR NEXT HIGHER ASSEMBLY/



ORD G336897

| | | |
|----------------------------|----------------------------|--------------------------------|
| 1 WASHER MS27183-12.....16 | 9 WASHER MS63040-3.....4 | 15 SCREW MS90725-114.....2 |
| 2 WASHER MS35338-45.....10 | 9 BOLT AN3-4A.....4 | 16 CHANNEL 4031384.....1 |
| 3 BOLT AN5-5A.....10 | 10 NUT MS51922-33.....2 | 17 BOLT MS90725-36.....2 |
| 4 NUT MS21042L3.....8 | 11 SCREW MS90725-111.....2 | 18 NUT MS51922-9.....2 |
| 5 WASHER MS15795-80R.....4 | 12 WASHER MS35338-4A.....2 | 19 RING ASSEMBLY 9031387.....1 |
| 6 BOLT AN3-6A.....4 | 13 WASHER MS27183-18.....4 | 20 SCREW MS90726-34.....4 |
| 7 SUPPORT 8530453.....2 | 14 ARM 9031385.....2 | |

FIGURE 12B. ADAPTER INSTALLATION, NOSE SHIPPING /9031386/
/SEE FIGURE 12A FOR NEXT HIGHER ASSEMBLY/

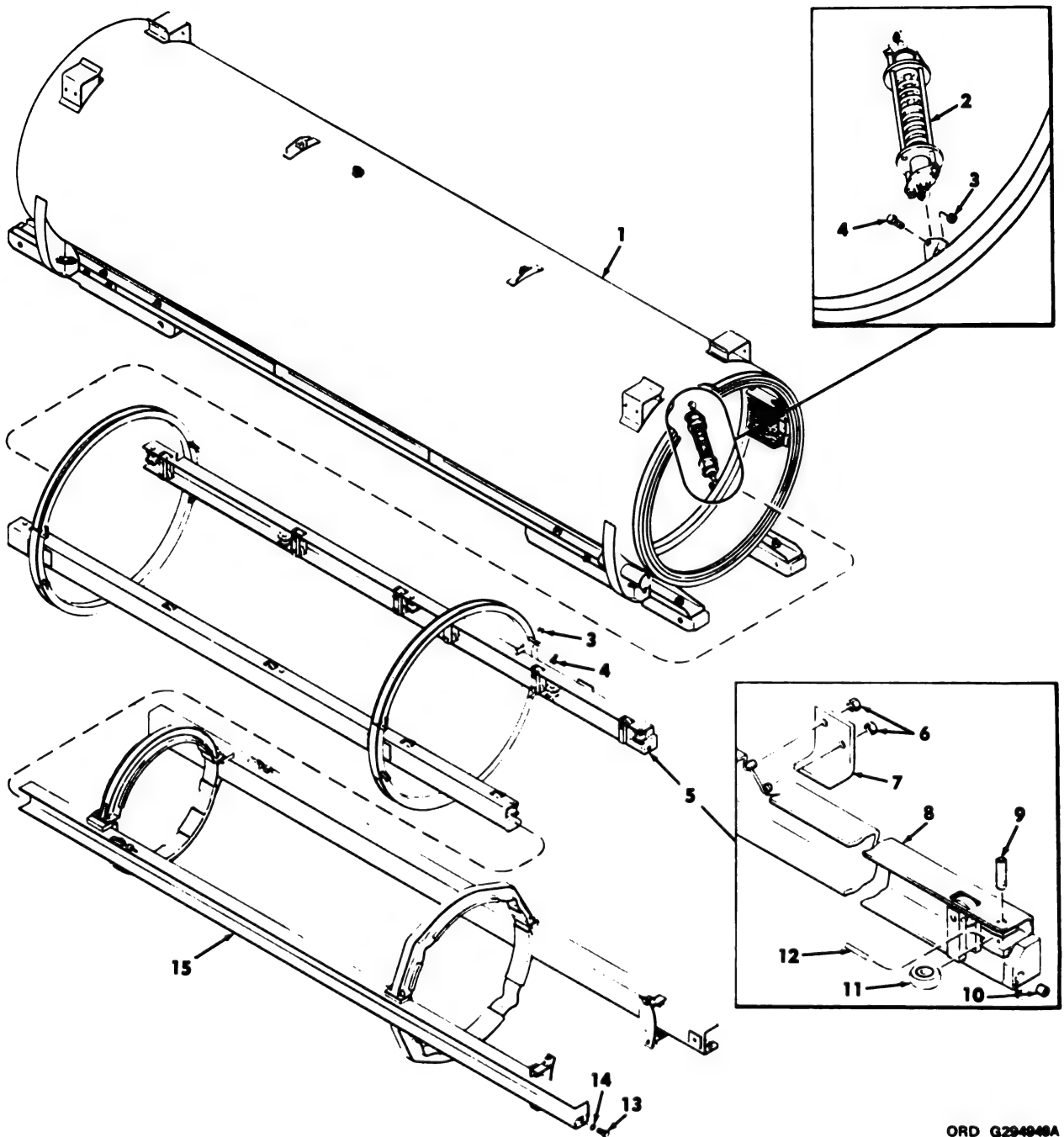


ORD G337336A

| | | |
|------------------------|-----------------------------|------------------------------|
| 1 FRAME 85256R2.....1 | 7 WASHER MS271R3-14.....1 | 13 INDICATOR MS20003-2.....2 |
| 2 VALVE 84A543R.....1 | 8 COVER PLATE MS25678.....1 | 14 WINDOW MS25681.....1 |
| 3 INSERT 997A050.....1 | 9 COVER 9019817.....1 | |
| 4 VALVE 8515929.....1 | 10 GASKET 9019850.....1 | |
| 5 INSERT 997A049.....1 | 11 NUT MS51922-1.....4 | |
| 6 NUT MS35425-42.....2 | 12 WASHER MS271R3-10.....4 | |

* FURNISHED WITH SHIPPING KITS
8530406

FIGURE 127. COVER, SHIPPING CONTAINER /9019874/
/SEE FIGURES 125 AND 132 FOR NEXT HIGHER ASSEMBLIES/



ORD G294948A

1 CONTAINER ASSEMBLY
9031497.....1
SEE FIGURE 129 FOR DETAILS
2 STRUT ASSEMBLY 9031466-1.....4
SEE FIGURE 130 FOR DETAILS
3 NUT M551922-49.....16
4 SCREW M590725-165.....16

5 TRACK ASSEMBLY 9031498.....1
6 NUT M551922-33.....2
7 STOP 9031506.....1
8 RAIL ASSEMBLY
9031517.....1
9 PIN M525646.....30
10 INSERT M512708A.....2

11 BEARING 9228266.....30
12 PIN M535674-19.....30
13 SCREW M551099-15R.....2
14 WASHER M535338-51.....2
15 TRACK ASSEMBLY 9031499.....1
SEE FIGURE 131 FOR DETAILS

FIGURE 126. SHIPPING AND STORAGE CONTAINER, GUIDED MISSILE, M417 /9031007/

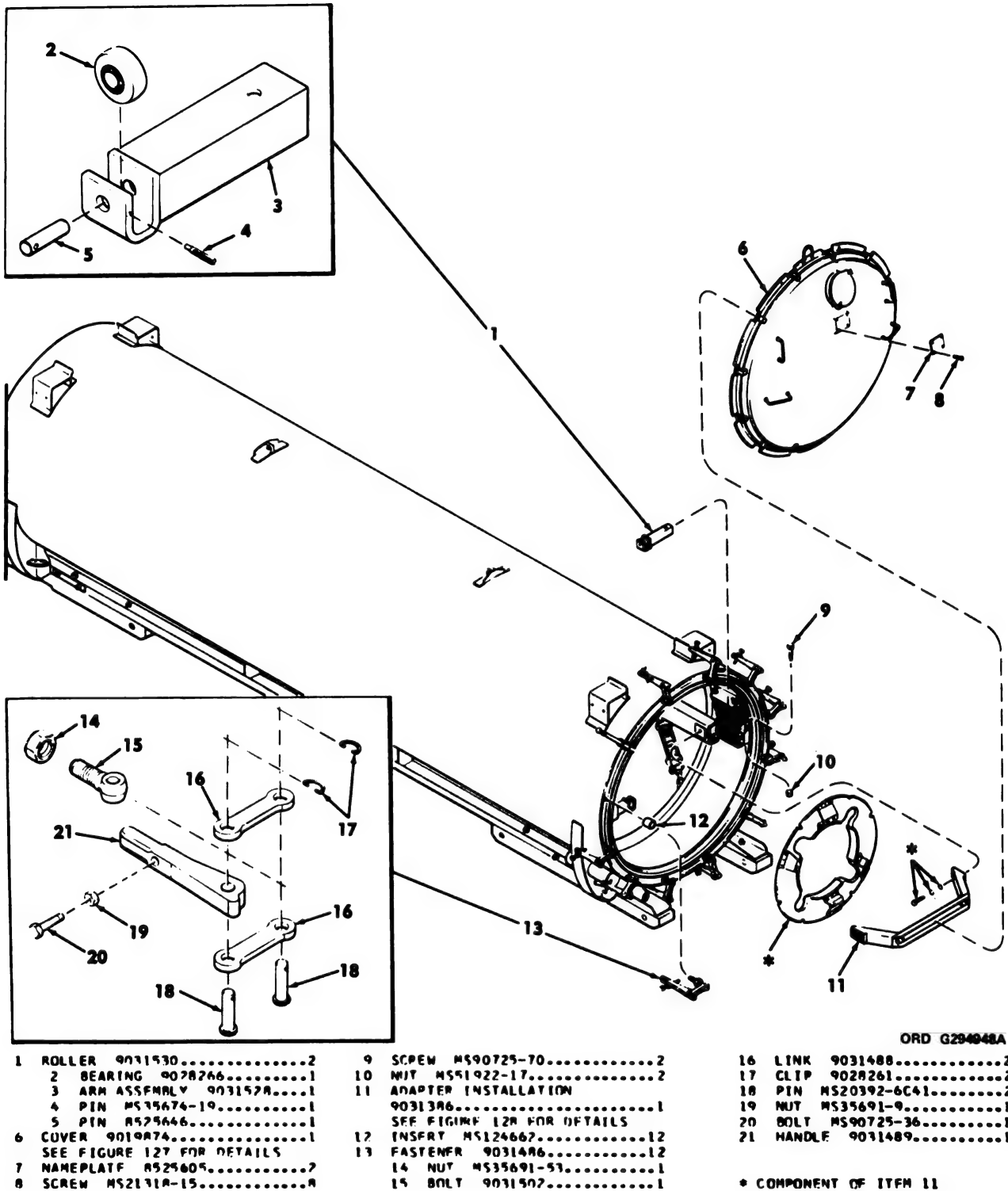
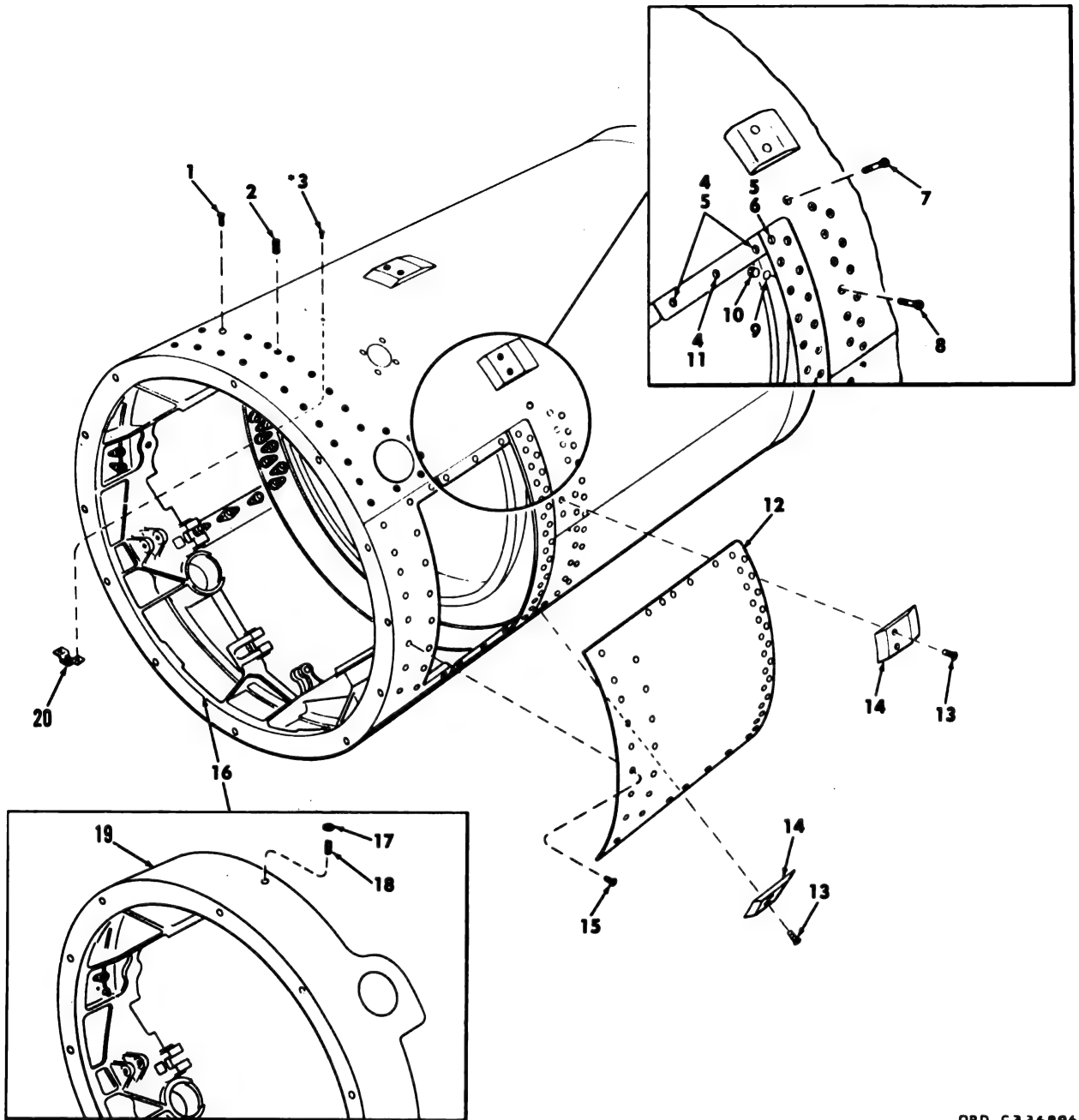


FIGURE 125. SHIPPING AND STORAGE CONTAINER, GUIDED MISSILE, M410 /9031007/

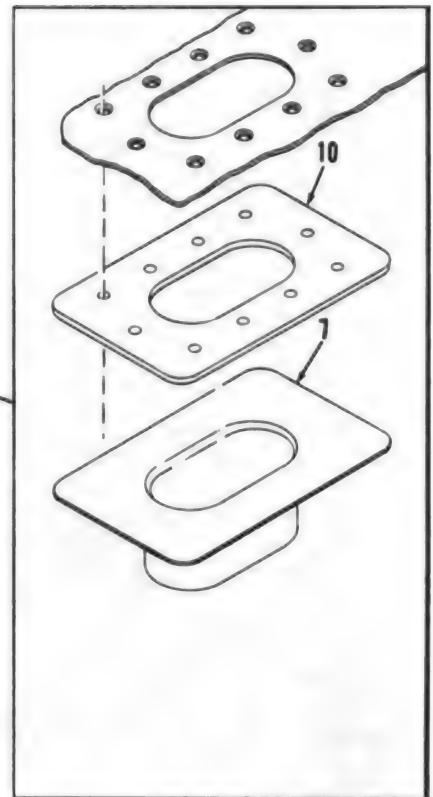
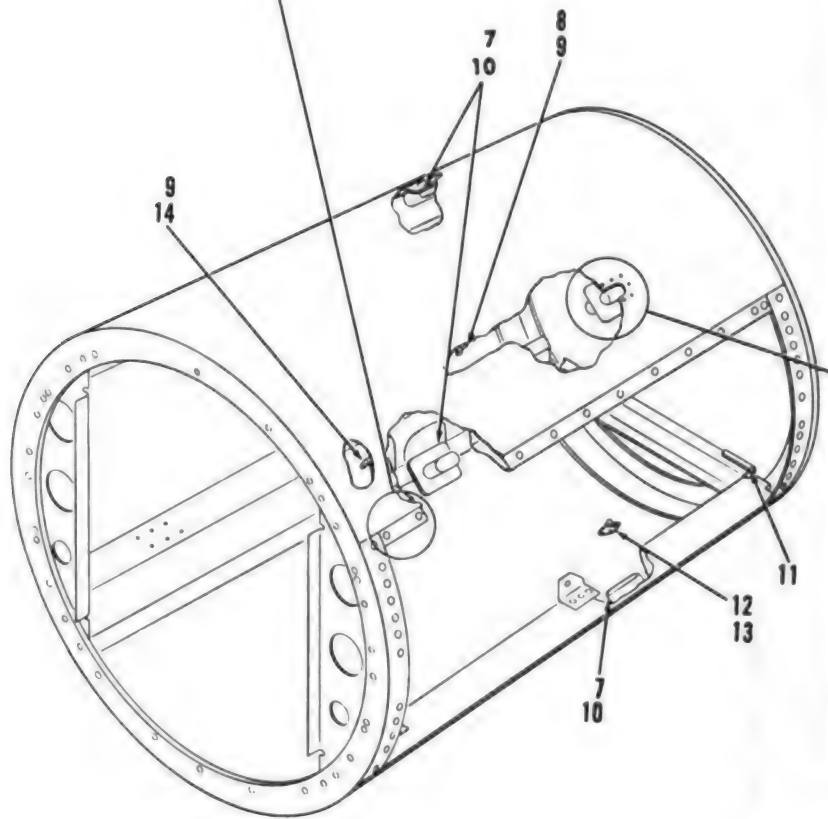
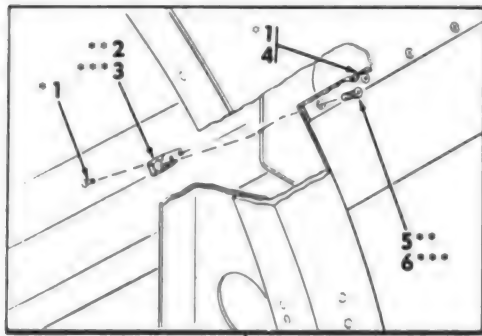


ORD G336896

| | | |
|-----------------------------|----------------------------|----------------------------------|
| 1 SCREW 852421R.....69 | 9 WASHER AN960-416.....48 | 17 RING 90205R2.....1 |
| 2 SETSCREW MS51023-R7.....1 | 10 NUT MS21040L4.....48 | 18 INSERT 90205R0.....1 |
| 3 RIVET MS20426AD3-5.....2 | 11 NUT MS21047L4.....4 | 19 SUPPORT MS24470-3.....1 |
| 4 RIVET MS20426AD3-6.....24 | 12 COVER MS24790.....2 | 20 PACKET ASSEMBLY 902R072.....1 |
| 5 NUT MS21051L4.....56 | 13 SCREW MS24694S53.....16 | |
| 6 RIVET MS20426AD3-R.....96 | 14 PANEL MS23325.....8 | |
| 7 SCREW MS24694S94.....4 | 15 SCREW MS2421R.....102 | |
| 8 SCREW MS24694S98.....48 | 16 SUPPORT MS24470.....1 | |

* FOR SERIAL NO. 15406 AND UP

FIGURE 124. STRUCTURE ASSEMBLY /8527196/
/SEE FIGURE 71 FOR NEXT HIGHER ASSEMBLY/



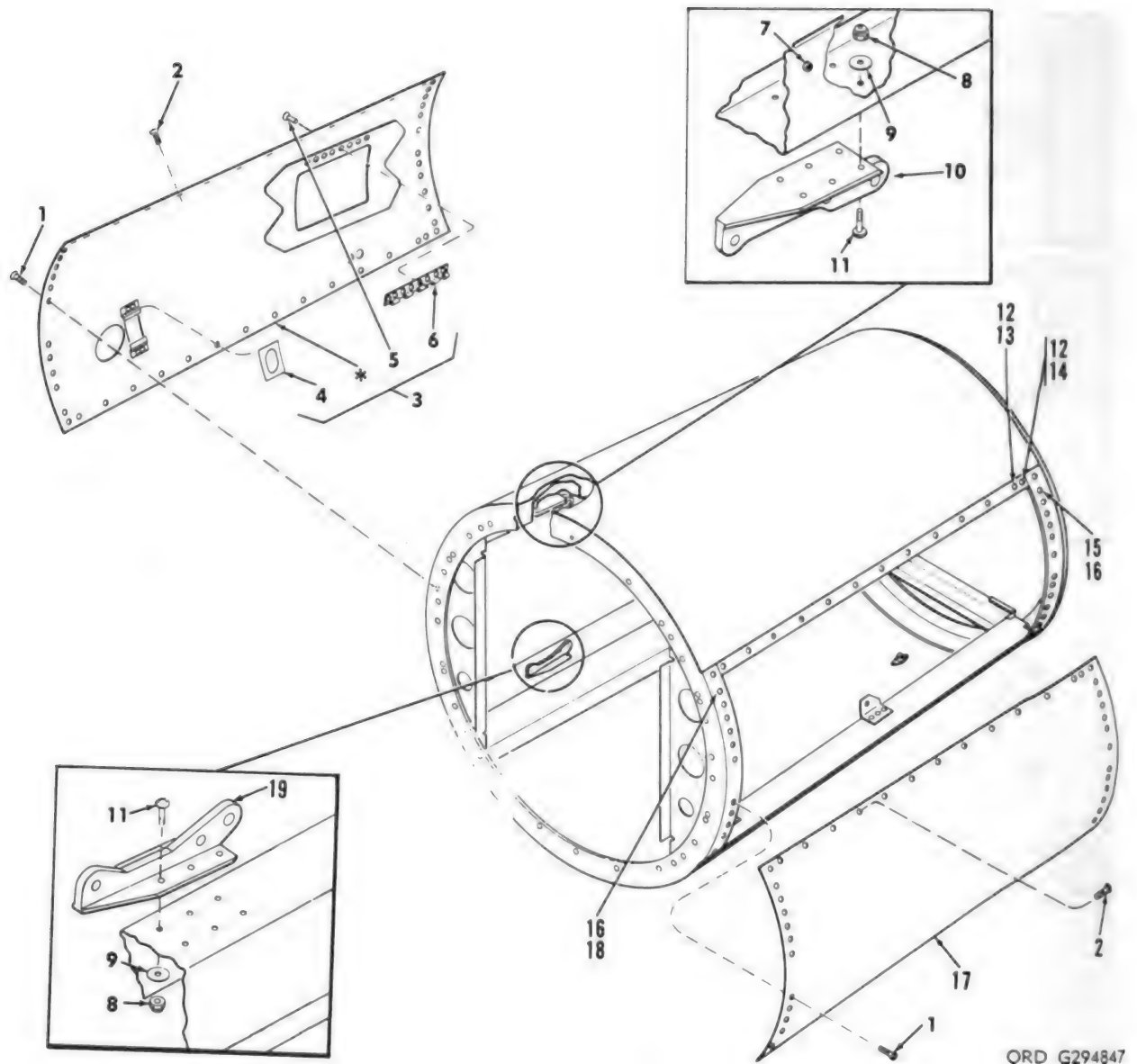
ORD G336895

1 RIVET MS20426AD3-9.....32
 2 NUT 852R831.....A
 3 NUT NAS692A1.....A
 4 NUT NAS690A3.....8
 5 SCREW MS24694S49.....16
 6 SCREW MS24694S50.....16
 7 BOOT 902R777.....4
 8 RIVET MS20426AD16-A.....4

9 BRACKET 902R058.....5
 10 FRAME 902R104.....4
 11 GUARD 9032922.....1
 12 RIVET MS20426AD4-6.....2
 13 NUT 9033628.....1
 14 RIVET MS20426AD6-9.....1

• FOR BODY SECTION 9019698
 WITH SERIAL NO. 14965-19831
 •• FOR BODY SECTION 9019698
 WITH SERIAL NO. 14965-17055
 ••• FOR BODY SECTION 9019698
 WITH SERIAL NO. 17056-19831

FIGURE 123. BODY SECTION, GUIDED MISSILE /9019698/

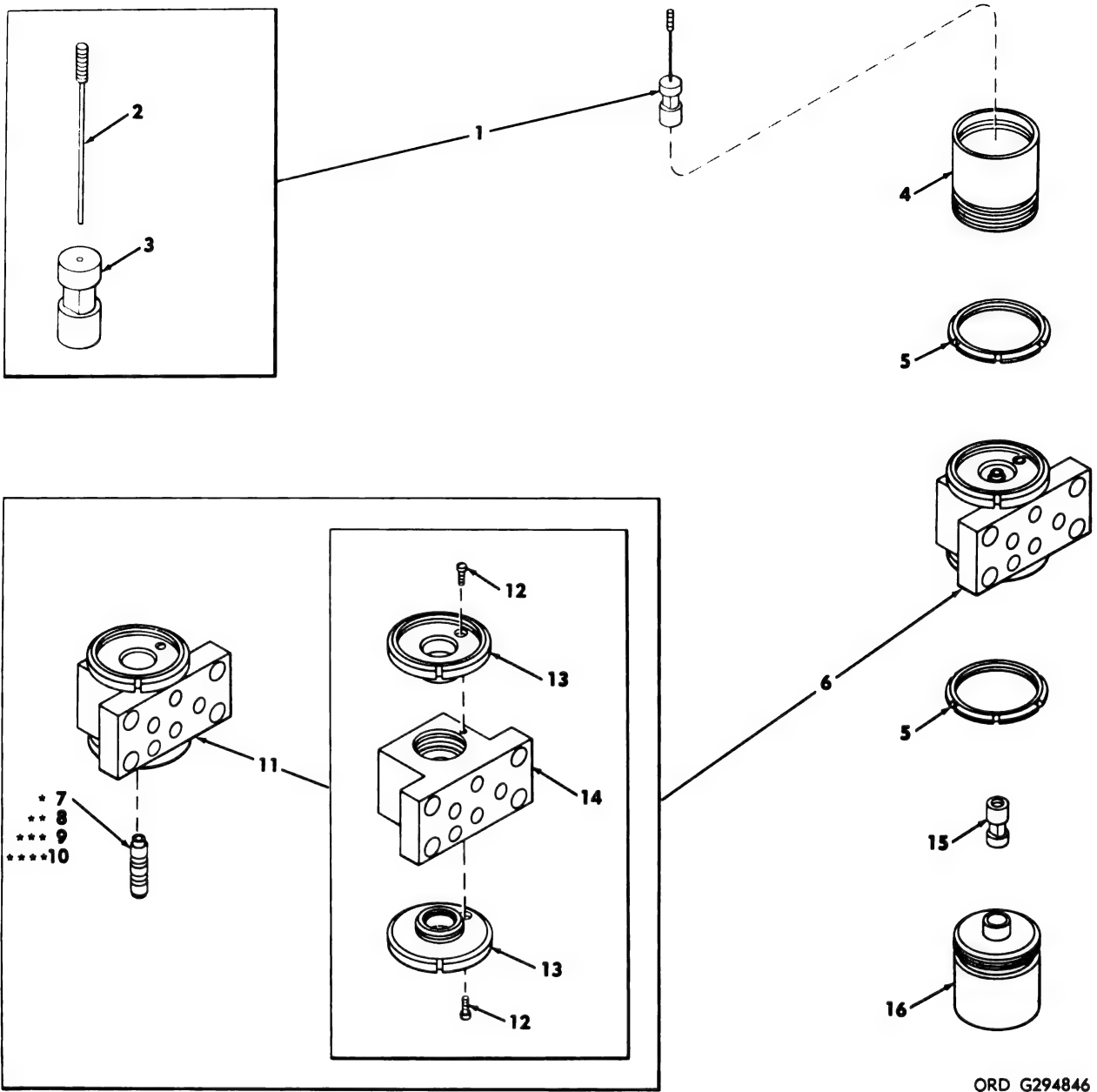


ORD G294847

| | | | | | |
|---|---------------------------|----|----------------------------|----|---------------------------|
| 1 | SCREW 9031276.....94 | 9 | WASHER A167876.....12 | 17 | COVER 9028145.....1 |
| 2 | SCREW 8524218.....52 | 10 | BRACKET 9019695.....1 | 18 | RIVET MS20426AD4-9.....92 |
| 3 | COVER 902A088.....1 | 11 | SCREW NAS221-11.....12 | 19 | SUPPORT 9019696.....1 |
| 4 | SEAL A524907.....1 | 12 | RIVET MS20426AD3-5.....174 | | |
| 5 | RIVET MS20426AD6-10.....4 | 13 | NUT MS21059L5.....44 | | |
| 6 | HINGE HALF 9028101.....1 | 14 | NUT MS21061L4.....8 | | |
| 7 | NUT MS27170-72K.....22 | 15 | RIVET MS20601AD4W5.....56 | | |
| 8 | NUT MS21042L3.....12 | 16 | NUT MS21055L5.....54 | | |

* COMPONENT OF ITEM 3

FIGURE 122. BODY SECTION, GUIDED MISSILE /9019698/
/SEE FIGURE 71 FOR NEXT HIGHER ASSEMBLY/



ORD G294846

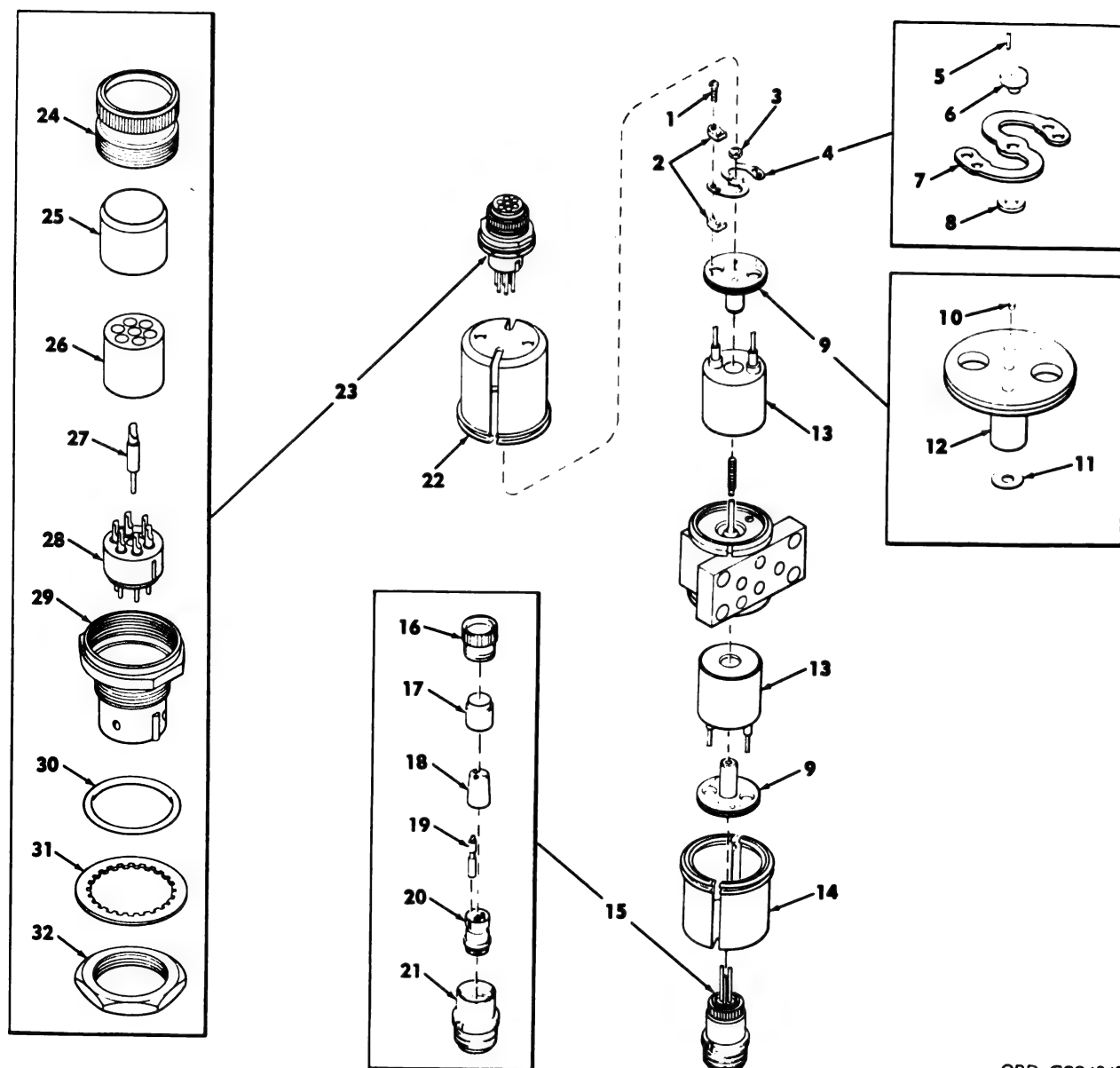
1 ARMATURE ASSEMBLY
8002249.....1
2 ROD 8002252.....1
3 ARMATURE 8002250.....1
4 HOUSING 8002259.....1
5 NUT 8002260.....2
6 LAP ASSEMBLY 9524670.....1
7 PISTON 8163731-1.....1
8 PISTON 8163731-2.....1

9 PISTON 8163731-3.....1
10 PISTON 8163731-4.....1
11 BODY ASSEMBLY
8524671.....1
12 SCREW 8002247.....2
13 ADAPTER 8002246.....2
14 BLOCK AND INSERT
ASSEMBLY 9028259.....1
15 ARMATURE 8002250.....1

16 HOUSING 8002258.....1

* DIA RING .2190-.2192
** DIA RING .2193-.2195
*** DIA RING .2196-.2198
**** DIA RING .2199-.2201

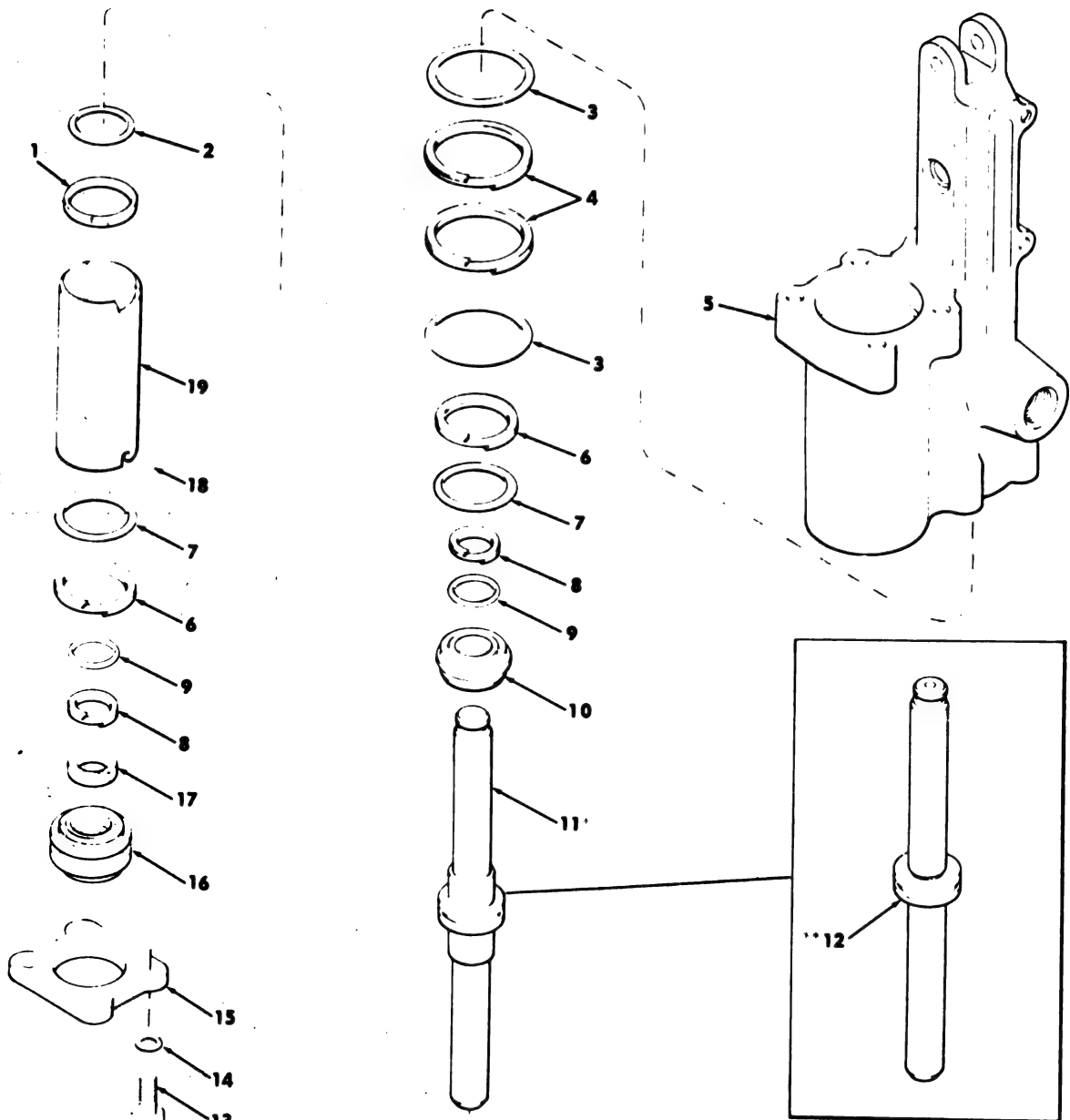
FIGURE 121. VALVE, SOLENOID /9031938/



ORD G294845

| | | |
|--------------------------------|---------------------------------|--------------------------------|
| 1 SCREW AN501-1-5.....4 | 13 COIL ASSMRLY 8524778.....2 | 24 PACKING NUT M8700-7-3.....1 |
| 2 BLOCK 8002265.....4 | 14 COVER 9031245.....1 | 25 INSULATOR M9600-7-3.....1 |
| 3 NUT MS35650-314.....1 | 15 CONNECTOR MS3137E35.....1 | 26 RUSHING M9700-7-4.....1 |
| 4 SPRING ASSMRLY 8002261.....1 | 16 PACKING NUT M8700-1-3.....1 | 27 CONTACT M9600-4N.....7 |
| 5 PIN 8002261-3.....1 | 17 SLEEVE M9600-3-3.....1 | 28 INSULATOR M9601-7-6A.....1 |
| 6 EYELET 8002263.....1 | 18 RUSHING M9700-3-4.....1 | 29 SHELL M9601-7-1A.....1 |
| 7 SPRING 8002262.....1 | 19 CONTACT M9600-70-2.....3 | 30 PACKING M9601-7-R.....1 |
| 8 WASHER 8002264.....1 | 20 INSULATOR M9600-3-5.....1 | 31 WASHER M9601-7-7.....1 |
| 9 POLE ASSMRLY 8002255.....2 | 21 SHELL M9700-3-1A.....1 | 32 NUT M9601-7-5.....1 |
| 10 PIN 8013860.....1 | 22 COVER 8522133.....1 | |
| 11 WASHER 8002257.....1 | 23 CONNECTOR MS3134E7-50P.....1 | |
| 12 CORE 8002256.....1 | | |

FIGURE 120. VALVE, SOLENOID /9031318/
/SEE FIGURE 118 FOR NEXT HIGHER ASSEMBLY



ORD G336894

1 RING AS25346.....1
2 PACKING AS25478.....1
3 PACKING AS25478.....1
4 PACKING AS25478.....1
5 RING AS25478.....1
6 RING AS25478.....1
7 RING AS25478.....1
8 RING AS25478.....1
9 RING AS25478.....1
10 RING AS25478.....1
11 RING AS25478.....1
12 RING AS25478.....1
13 RING AS25478.....1
14 RING AS25478.....1
15 RING AS25478.....1
16 RING AS25478.....1
17 RING AS25478.....1
18 RING AS25478.....1
19 RING AS25478.....1

10 RUSHING AS25329.....1
11 RUSHING AS25329.....1
12 RUSHING AS25329.....1
13 RUSHING AS25329.....1
14 RUSHING AS25329.....1
15 RUSHING AS25329.....1
16 RUSHING AS25329.....1
17 RUSHING AS25329.....1
18 RUSHING AS25329.....1
19 RUSHING AS25329.....1

18 PIN A162610.....1
19 CYLINDER SLEEVE AS25331.....1

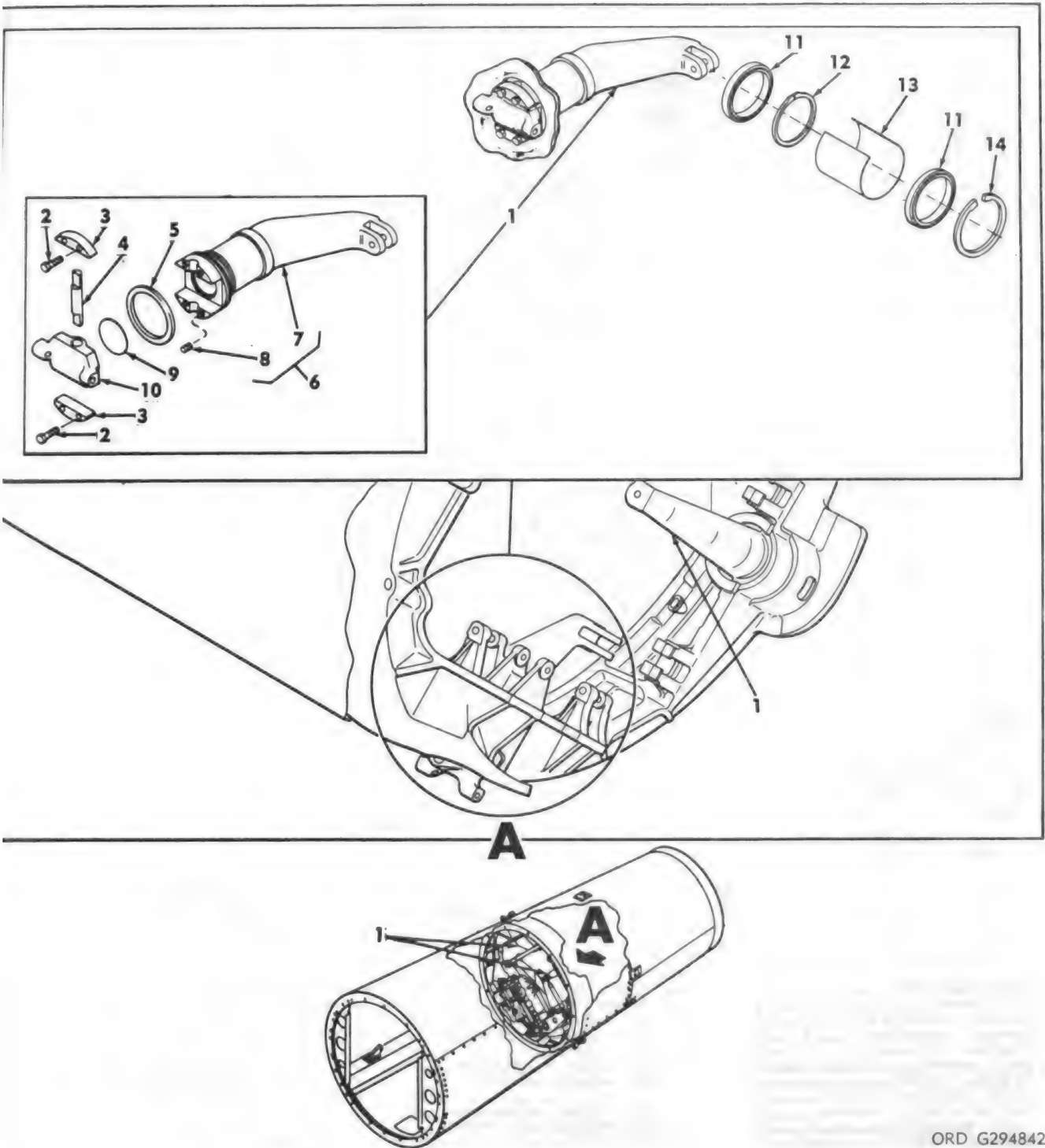
• FOR ACTUATOR ASSEMBLY
AS25478
•• FOR ACTUATOR ASSEMBLY
AS25475

FOR ACTUATOR ASSEMBLY /AS25475 AND AS25478/



- COMPONENT OF ACTUATOR ASSEMBLY 9574675
- COMPONENT OF ACTUATOR ASSEMBLY 9574678

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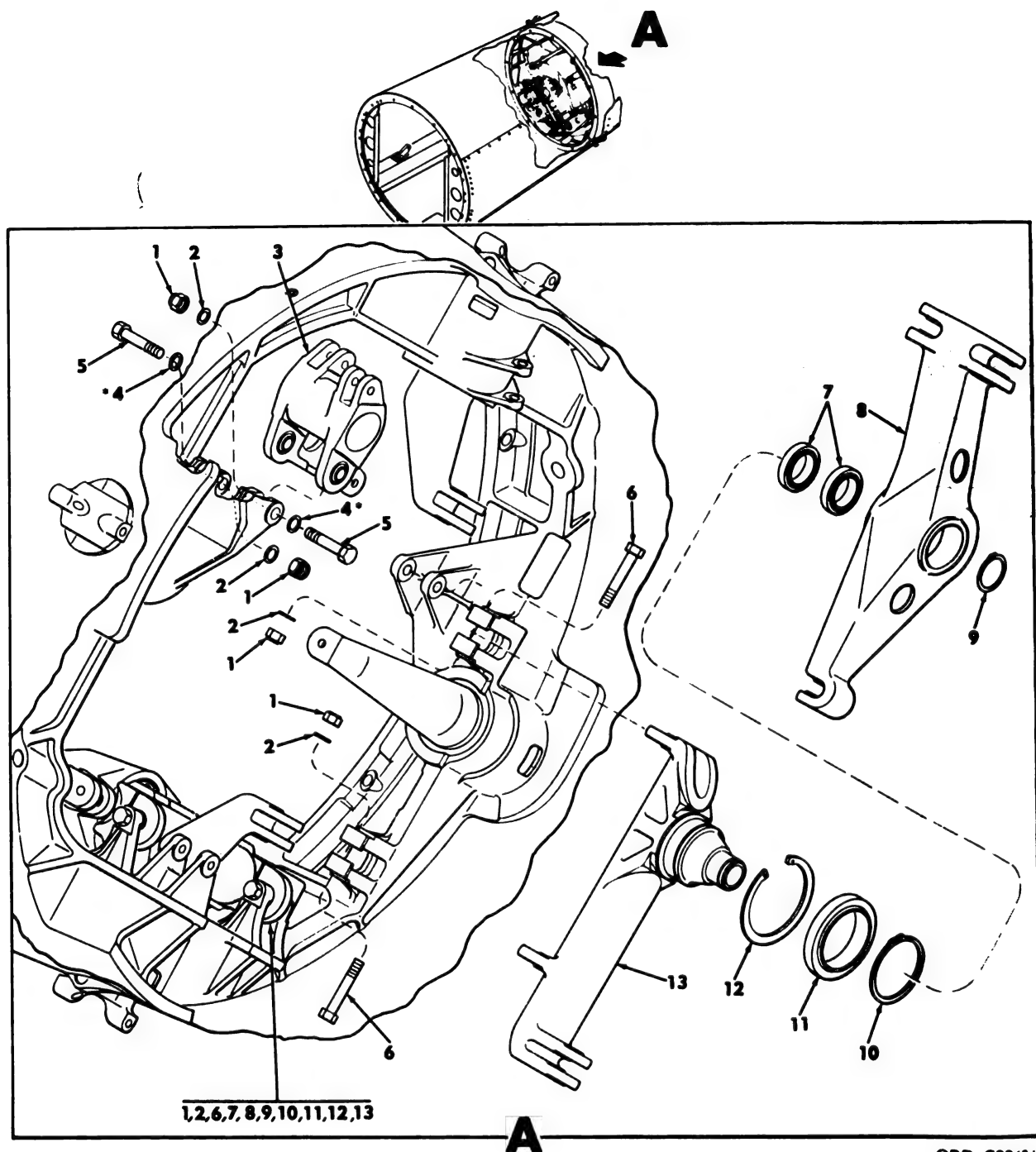
ORD G294842

SHAFT ASSEMBLY 9020547.....4
 2 BOLT AN3H5A.....4
 3 CAP 9020238.....2
 4 PIN 9020231.....1
 5 SPACER 8524977.....2
 6 SHAFT 9020241.....1

7 SHAFT 9020232.....1
 8 INSERT MS21209F1-15.....4
 9 PLUG 501527.....1
 10 UNIVERSAL JOINT 8524899.....1

11 BEARING 8525358.....8
 12 RING MS16624-1206.....4
 13 BEARING 8524577.....4
 14 RING 9031281.....4

FIGURE 117. MECHANISM INSTALLATION, HYDRAULIC /8524285/

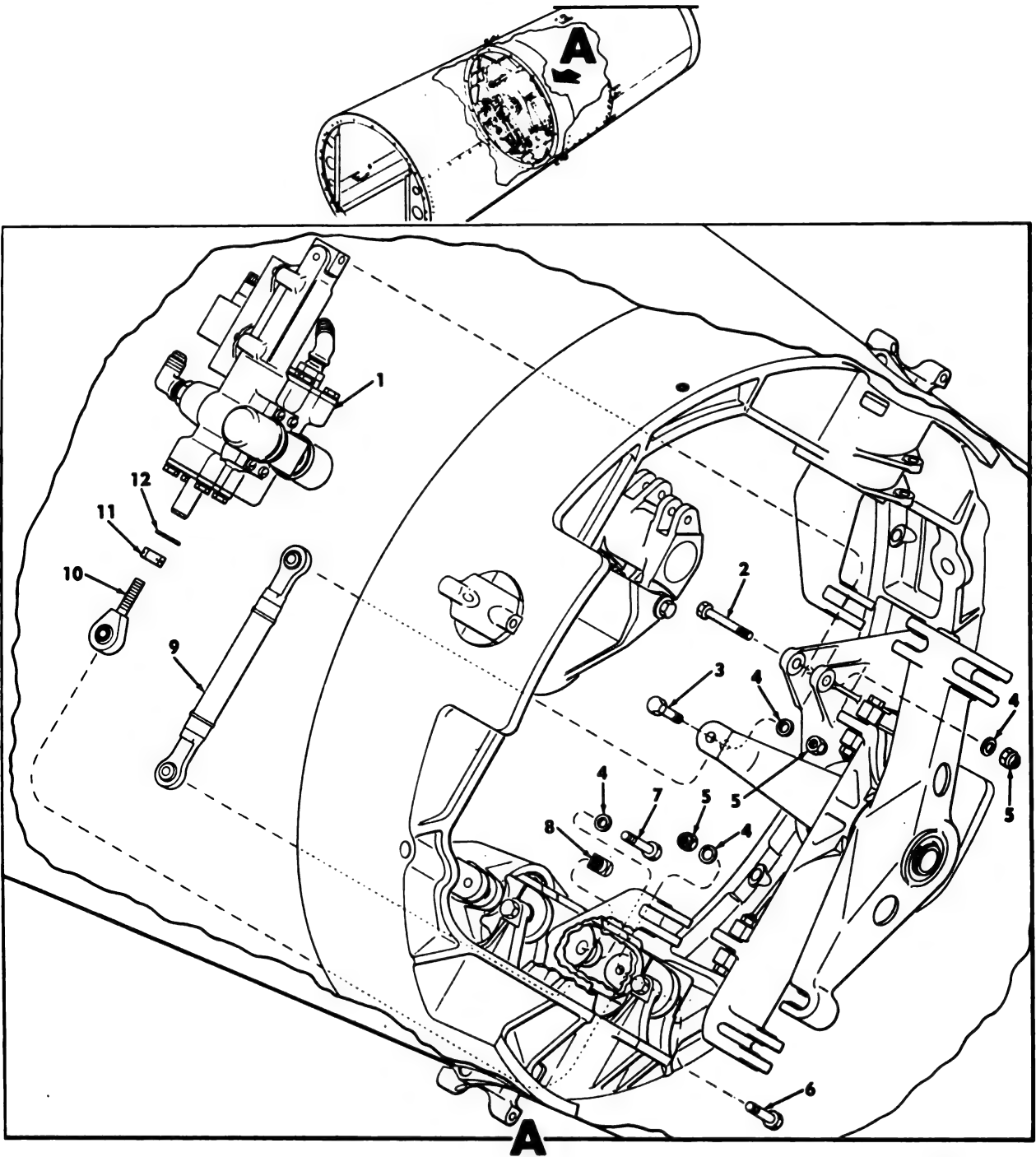


ORD G294841

| | | |
|---------------------------|-----------------------------|----------------------|
| 1 NUT MS210R3M4.....6 | 7 BEARING MS25359.....4 | 13 BAR MS2457R.....? |
| 2 WASHER AN960-516L.....6 | 8 BEAM MS24579.....2 | |
| 3 LEVER MS24576.....1 | 9 RING MS16624-1106.....2 | |
| 4 WASHER MS271R3-12.....2 | 10 RING MS16624-1206.....2 | |
| 5 BOLT AN175-14A.....2 | 11 BEARING MS27642-33.....? | |
| 6 BOLT AN175-16A.....4 | 12 RING 9031336.....? | |

* FOR SERIAL NO. 15690 AND UP

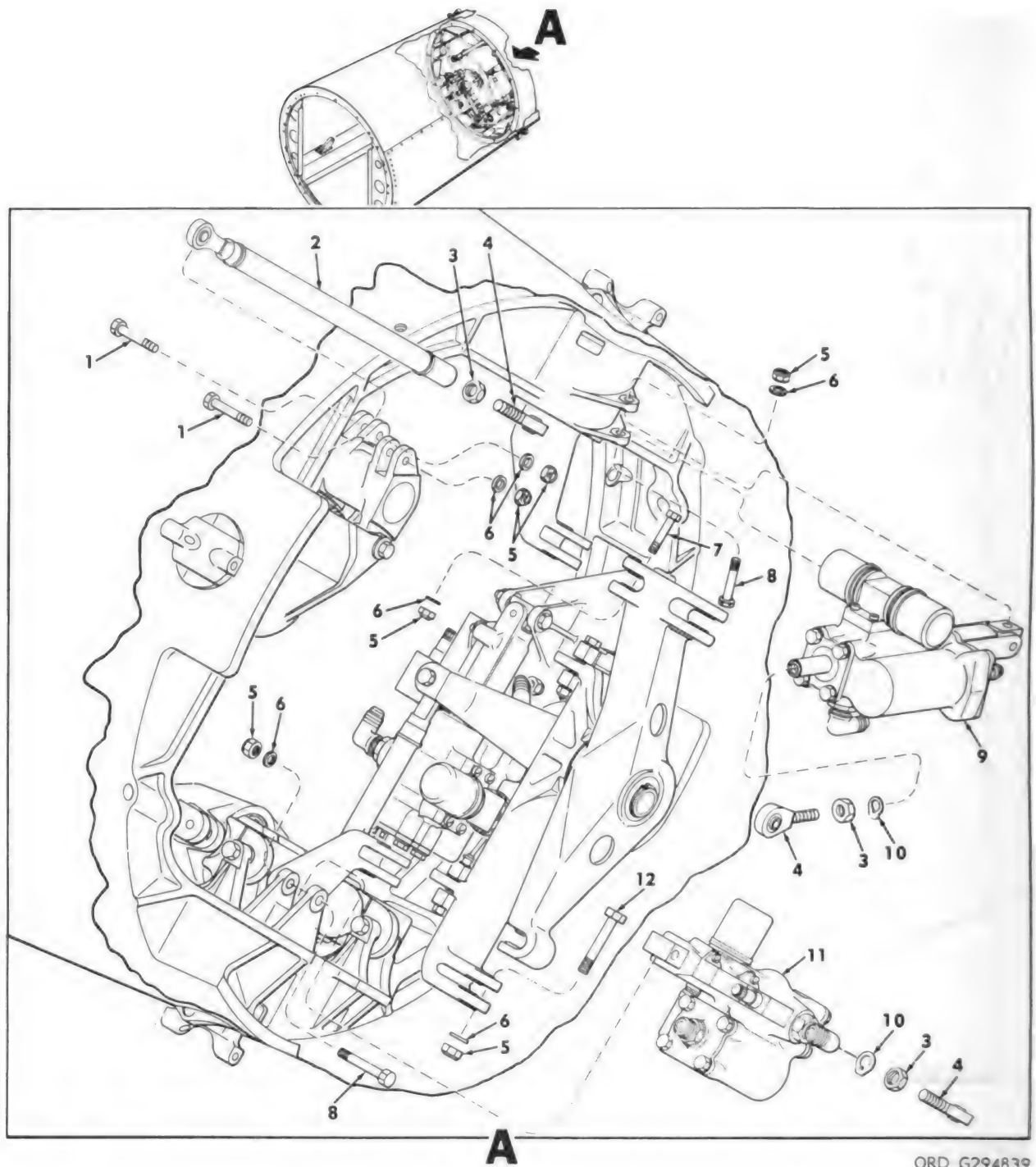
FIGURE 116. MECHANISM INSTALLATION, HYDRAULIC (MS242R5)



ORD G294840

| | | | | | |
|---|---|---|-------------------------|----|------------------------|
| 1 | ACTUATOR ASSMRLY R524475.....1 SEE FIGURE 11A FOR DETAILS | 4 | WASHER AN960-416L.....4 | 9 | LINK ROD R524571.....1 |
| 2 | BOLT AN174-20A.....1 | 5 | NUT MS21093N4.....3 | 10 | BEARING R524569.....1 |
| 3 | BOLT AN174-17A.....1 | 6 | ROLY AN174-13A.....1 | 11 | NUT NAS509-6.....1 |
| | | 7 | ROLY AN174-15A.....1 | 12 | WASHER NAS517-6.....1 |
| | | 8 | NUT B52A580.....1 | | |

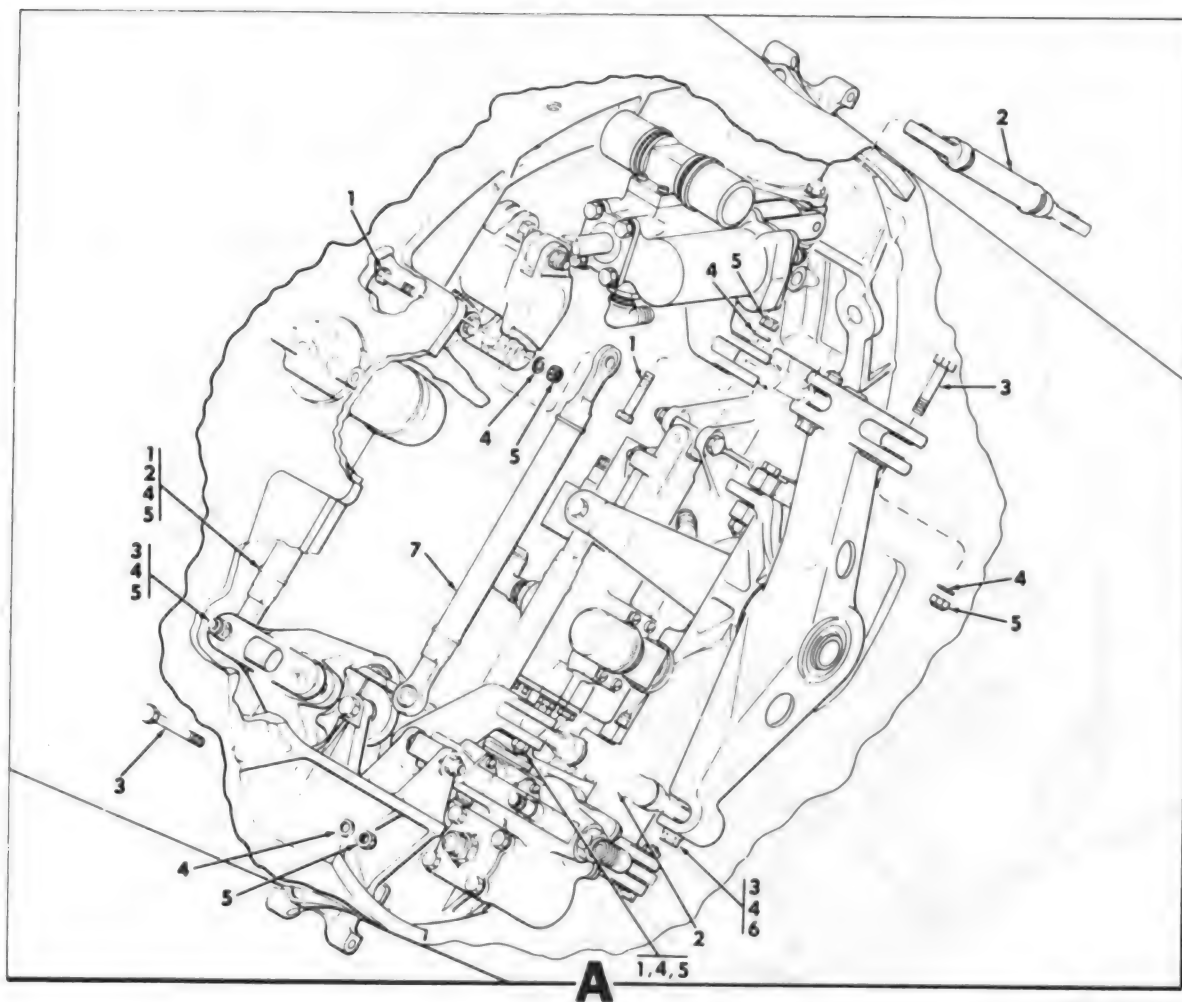
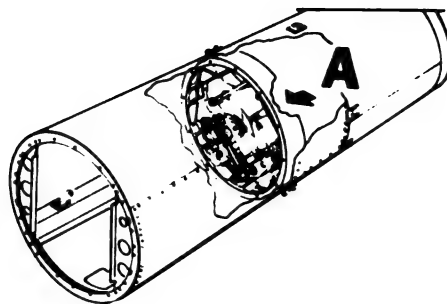
FIGURE 115. MECHANISM INSTALLATION, HYDRAULIC /R524285/



ORD G294839

| | | |
|---------------------------|----------------------------|----------------------------|
| 1 BOLT AN174-124.....2 | 7 BOLT AN174-15A.....1 | 11 ACTUATOR ASSEMBLY |
| 2 LINK ROD A524573.....1 | 8 BOLT AN174-20A.....2 | A524479.....1 |
| 3 NUT NAS509-6.....3 | 9 ACTUATOR ASSEMBLY | SEE FIGURE 11A FOR DETAILS |
| 4 BEARING A524560.....3 | A524479.....1 | 12 BOLT AN174-13A.....1 |
| 5 NUT MS210A3M4.....6 | SEE FIGURE 11A FOR DETAILS | |
| 6 WASHER AN960-416L.....6 | 10 WASHER NAS513-6.....7 | |

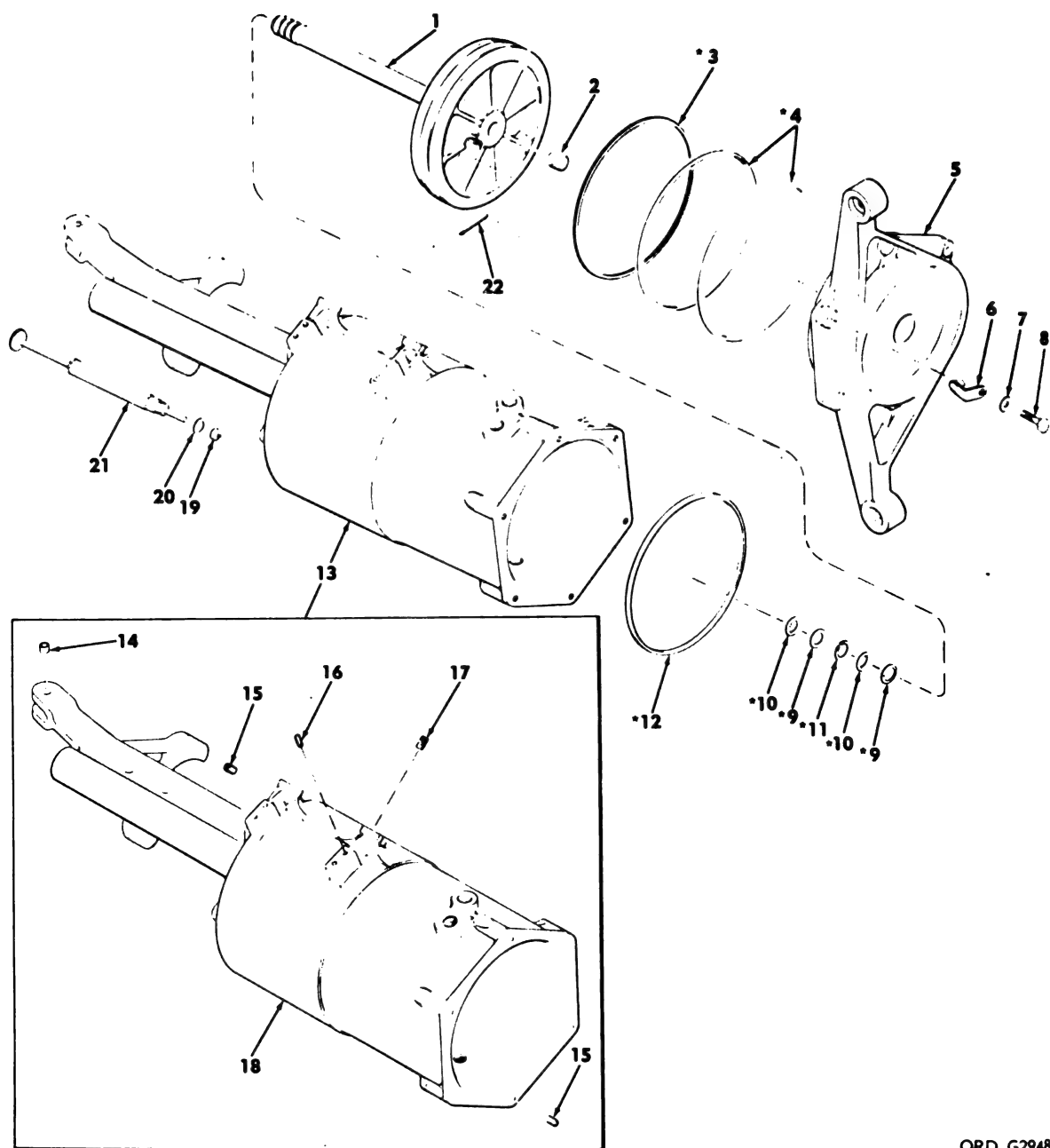
FIGURE 114. MECHANISM INSTALLATION, HYDRAULIC (A524295/)



ORD G294838

- | | | |
|---|------------------------|---|
| 1 | BOLT AN174-17A..... | 4 |
| 2 | LINK ROD A524571..... | 3 |
| 3 | BOLT AN174-15A..... | 4 |
| 4 | WASHER A4960-416L..... | 4 |
| 5 | NUT MS21043N4..... | 7 |
| 6 | NUT A524580..... | 1 |
| 7 | LINK ROD A524572..... | 1 |

FIGURE 113. MECHANISM INSTALLATION, HYDRAULIC /A524285/
/SEE FIGURE 70 FOR NEXT HIGHER ASSEMBLY/

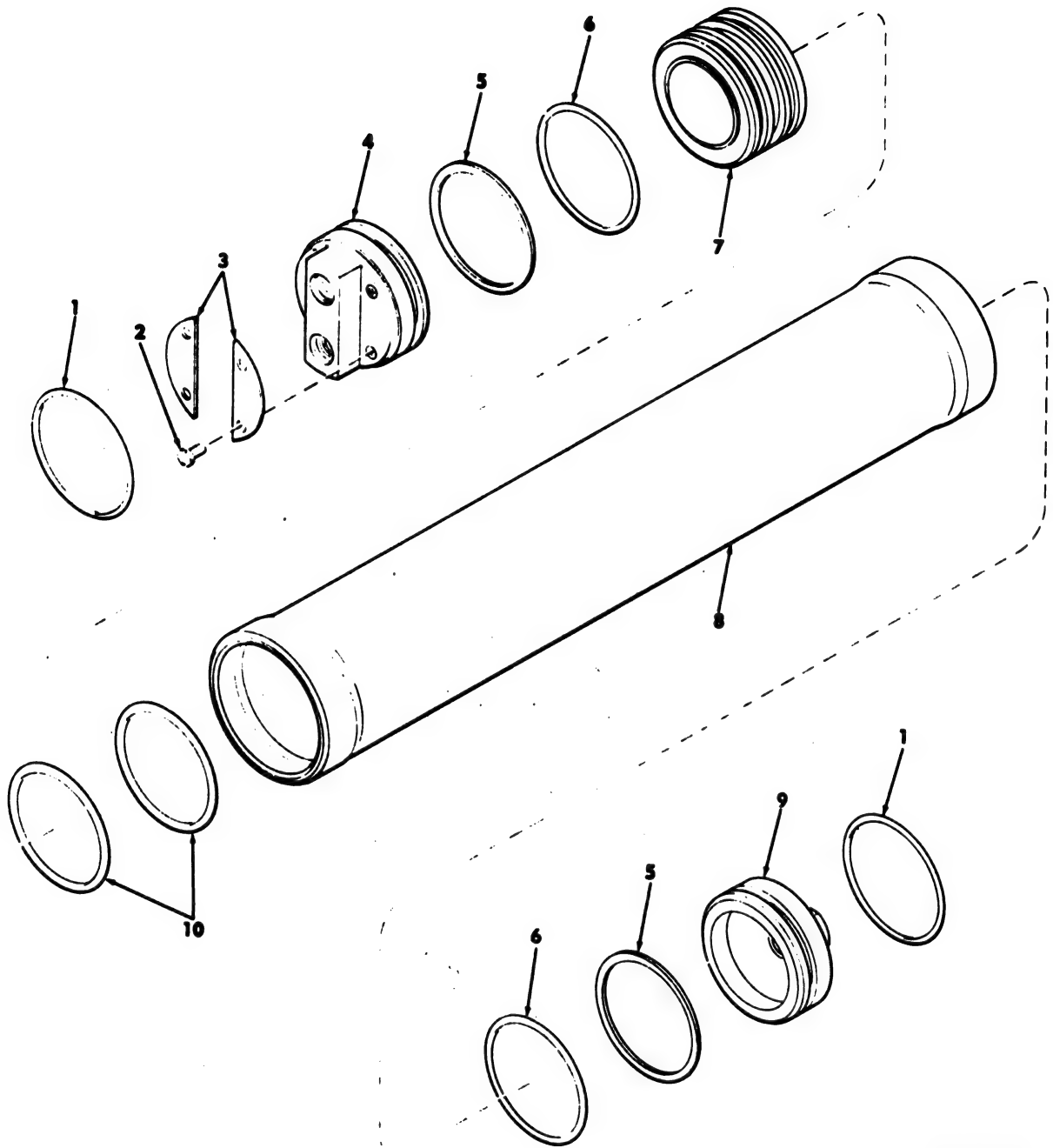


ORD G294837

| | | |
|-----------------------------|-----------------------------------|-------------------------------------|
| 1 PISTON 9019587.....1 | 10 PACKING MS28775-112.....2 | 19 FELT 9019719.....1 |
| 2 BUMPER 9019592.....1 | 11 FELT STRIP MS28932-1.....1 | 20 WASHER 9019981.....1 |
| 3 RETAINER MS28782-59.....1 | 12 FELT STRIP MS28932C18-00.....1 | 21 INDICATOR ASSEMBLY 9019708.....1 |
| 4 PACKING MS28775-431.....2 | 13 ACCUMULATOR 9019721.....1 | 22 PIN MS24665-108.....1 |
| 5 SUPPORT 9019588.....1 | 14 BUSHING MS2875-4-COR.....2 | |
| 6 BRACKET 9019936.....1 | 15 INSERT MS21209F4-20.....10 | |
| 7 WASHER AN960-416L.....6 | 16 INSERT MS21209F1-15.....4 | |
| 8 BOLT AN4-114.....6 | 17 INSERT MS21209F4-15.....4 | |
| 9 RETAINER MS28782-10.....2 | 18 ACCUMULATOR 9019589.....1 | |

* COMPONENT OF KIT 5252217

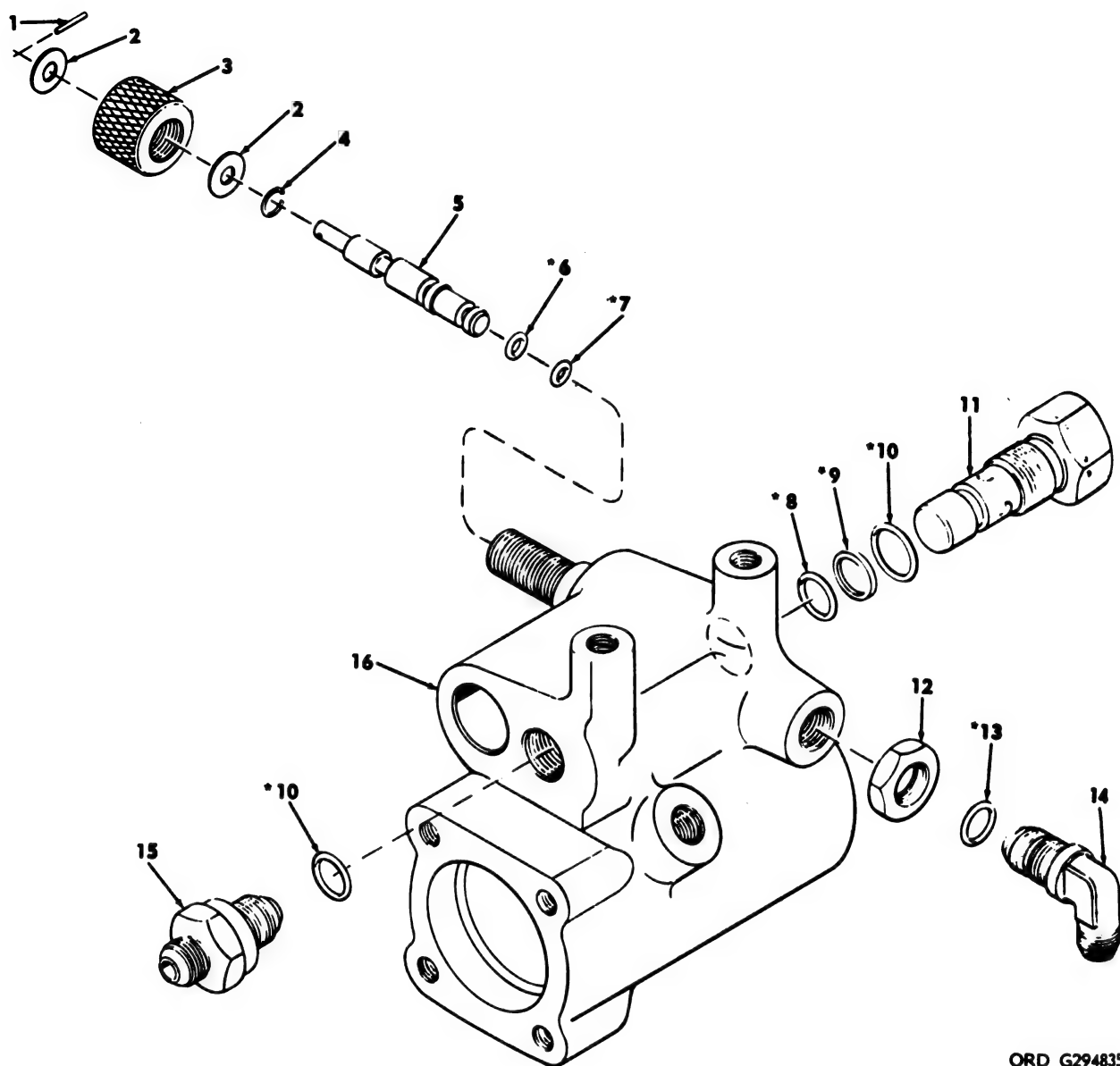
FIGURE 112. CYLINDER, HYDRAULIC PUMPING UNIT /9019590/
/SEE FIGURE 101 FOR NEXT HIGHER ASSEMBLY/



ORD G294836

- | | | | |
|----|----------|------------|--------|
| 1 | RING | 562622-1 |2 |
| 2 | SCREW | MS35265-41 |4 |
| 3 | PLATE | 1007093 |2 |
| 4 | CAP | 1007092-1 |1 |
| 5 | RETAINER | 1006288-9 |2 |
| 6 | PACKING | 9034491 |2 |
| 7 | PISTON | 1005488-1 |1 |
| 8 | BARREL | 554386-6 |1 |
| 9 | CAP | 554413-2 |1 |
| 10 | PACKING | AN627836 |2 |

FIGURE 111. ACCUMULATOR, HYDRAULIC /9022107/
/SEE FIGURE 101 FOR NEXT HIGHER ASSEMBLY/



ORD G294835

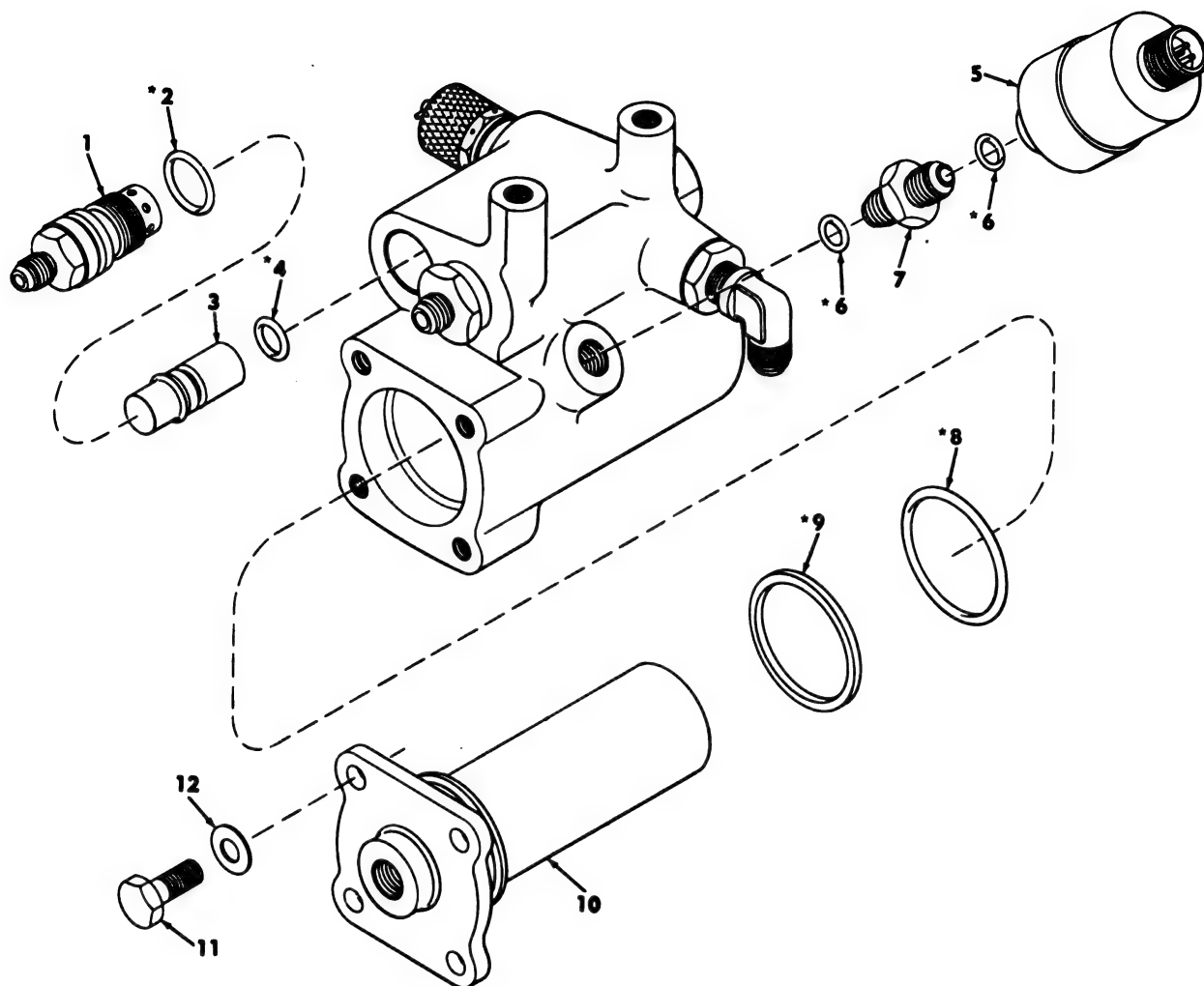
1 PIN MS24665-149.....1
 2 WASHER MS15795-707.....2
 3 CAP BLEEDER 9019889.....1
 4 RING 9019909.....1
 5 BLEEDER 9019888.....1
 6 PACKING MS29775-007.....1
 7 PACKING MS29775-006.....1

8 PACKING MS29775-012.....1
 9 RETAINER MS29782-7.....1
 10 PACKING 9034446.....7
 11 VALVE 9019886.....1
 12 NUT NAS507-7.....1
 13 PACKING 10596841-1.....1
 14 FLARE MS2439604.....1

15 VALVE 9022087.....1
 16 MANIFOLD 9019884.....1

* COMPONENT OF KIT 5252217

FIGURE 110. MANIFOLD ASSEMBLY, HYDRAULIC PUMPING UNIT 70019883/

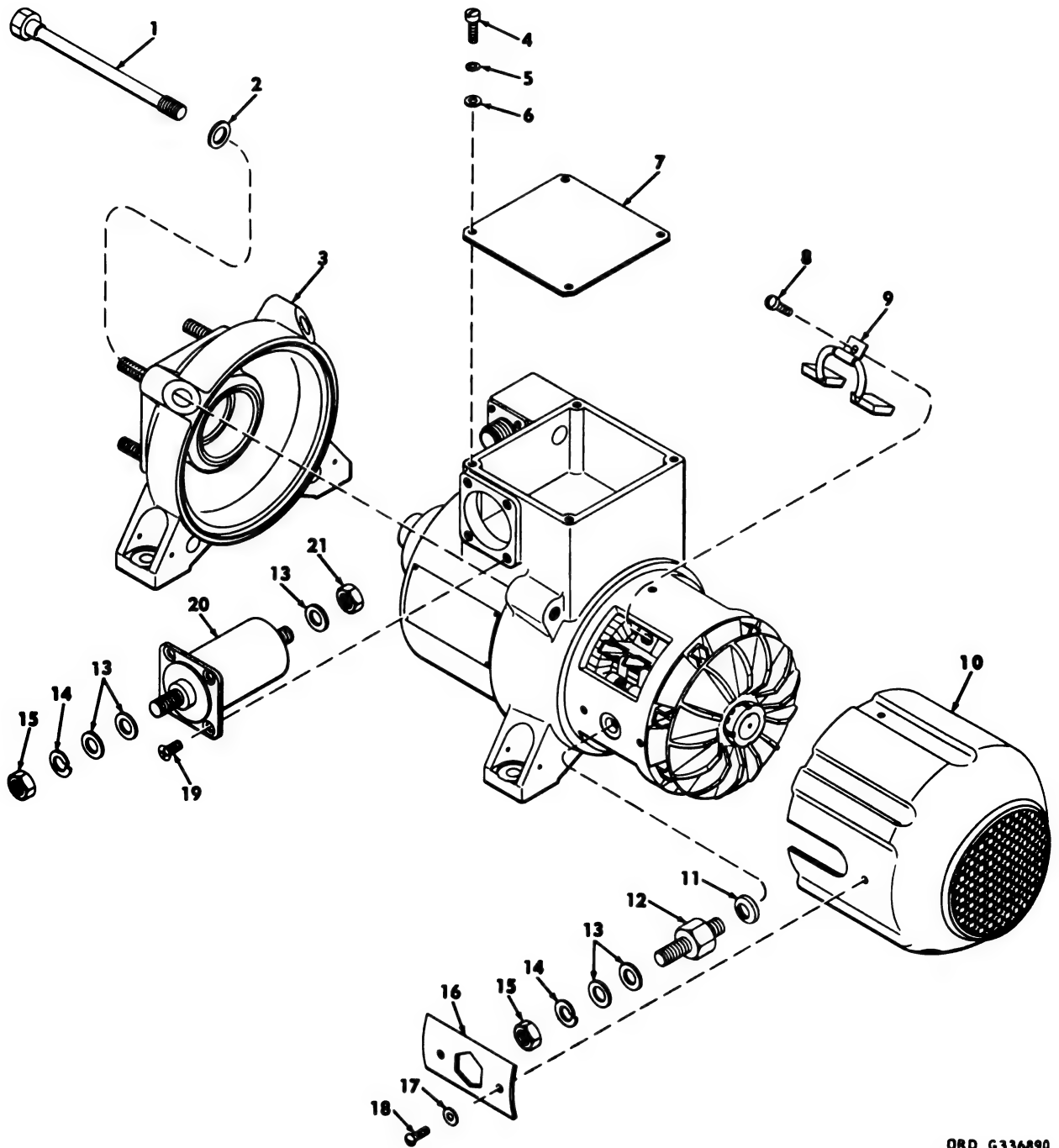


MI 39361

| | | | | | |
|---|---------------------------|----|------------------------------|----|----------------------|
| 1 | FITTING 9019890.....1 | 6 | PACKING 10596841-1.....2 | 11 | BOLT AN4H5A.....4 |
| 2 | PACKING 8034553.....1 | 7 | NIPPLE ANR15-4.....1 | 12 | WASHER 8163763.....4 |
| 3 | VALVE 9019887.....1 | 8 | PACKING MS28775-221.....1 | | |
| 4 | PACKING MS28775-012.....1 | 9 | RING MS28782-26.....1 | | |
| 5 | SWITCH 9978370.....1 | 10 | FILTER ELEMENT 8524647.....1 | | |

* COMPONENT OF KIT 5952217

FIGURE 109. MANIFOLD ASSEMBLY, HYDRAULIC PUMPING UNIT /9019883/
/SEE FIGURE 101 FOR NEXT HIGHER ASSEMBLY/



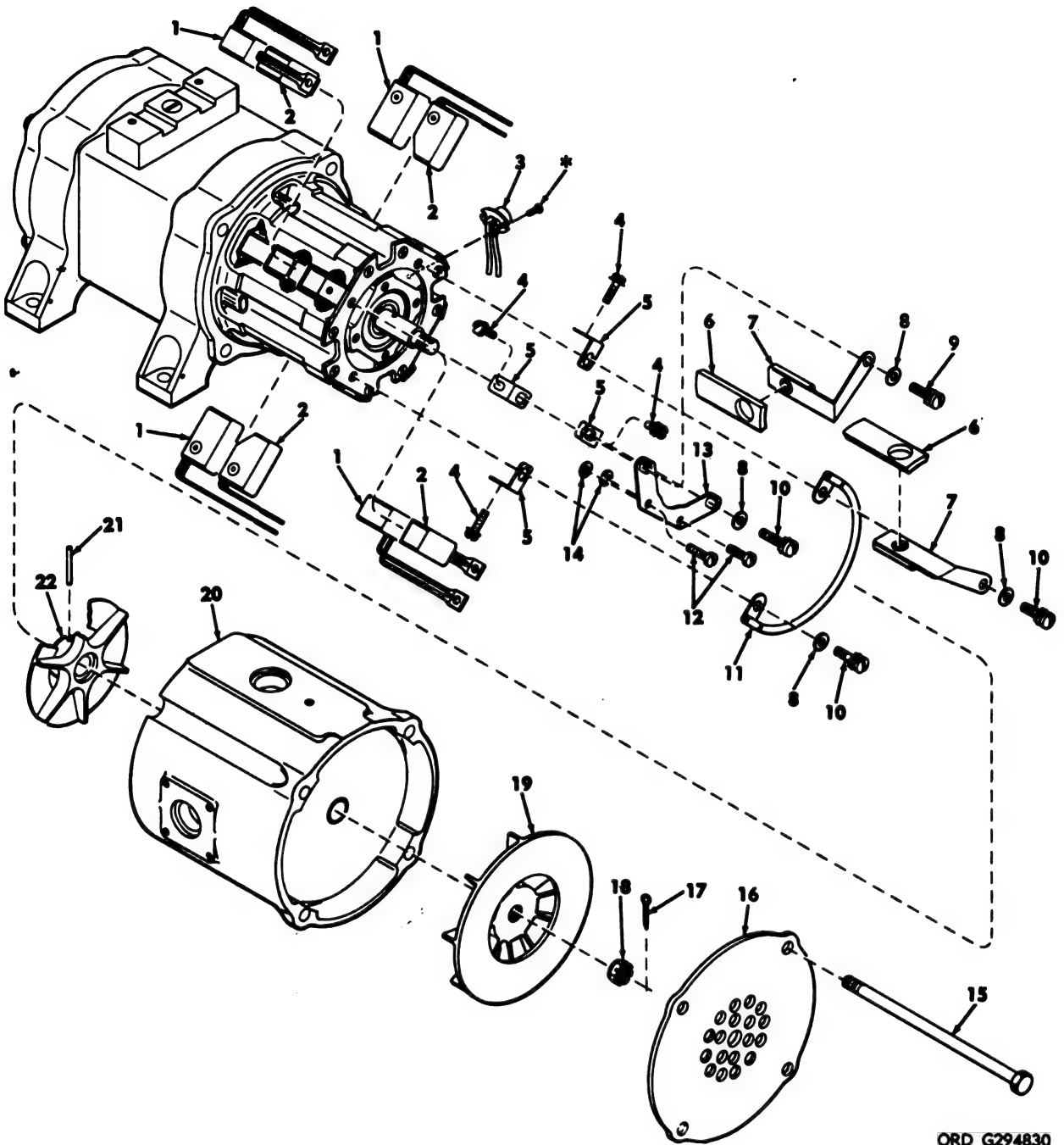
ORD G336890

1 BOLT 31435-SK22826-1071.....4
 2 WASHER MS27183-12.....4
 3 END BELL 9020940.....1
 4 SCREW 587640.....4
 5 WASHER MS35338-42.....4
 6 WASHER AN960-8L.....4
 7 COVER PLATE SK22826-1011.....1

8 SCREW MS35266-63.....4
 9 BRUSH 9978529.....4
 10 COVER 9020951.....1
 11 SPACER 9978448.....1
 12 STUD 9978447.....1
 13 WASHER MS45901-6.....5
 14 WASHER MS35338-102.....2

15 NUT MS20341-916A.....1
 16 PLATE 9020938.....1
 17 WASHER AN960-6L.....4
 18 SCREW MS35206-227.....4
 19 SCREW MS24693548.....4
 20 FILTER 9020939.....1
 21 NUT MS21045-5.....1

FIGURE 108. MOTOR, DIRECT CURRENT /9020643/
 /SEE FIGURE 100 FOR NEXT HIGHER ASSEMBLY/

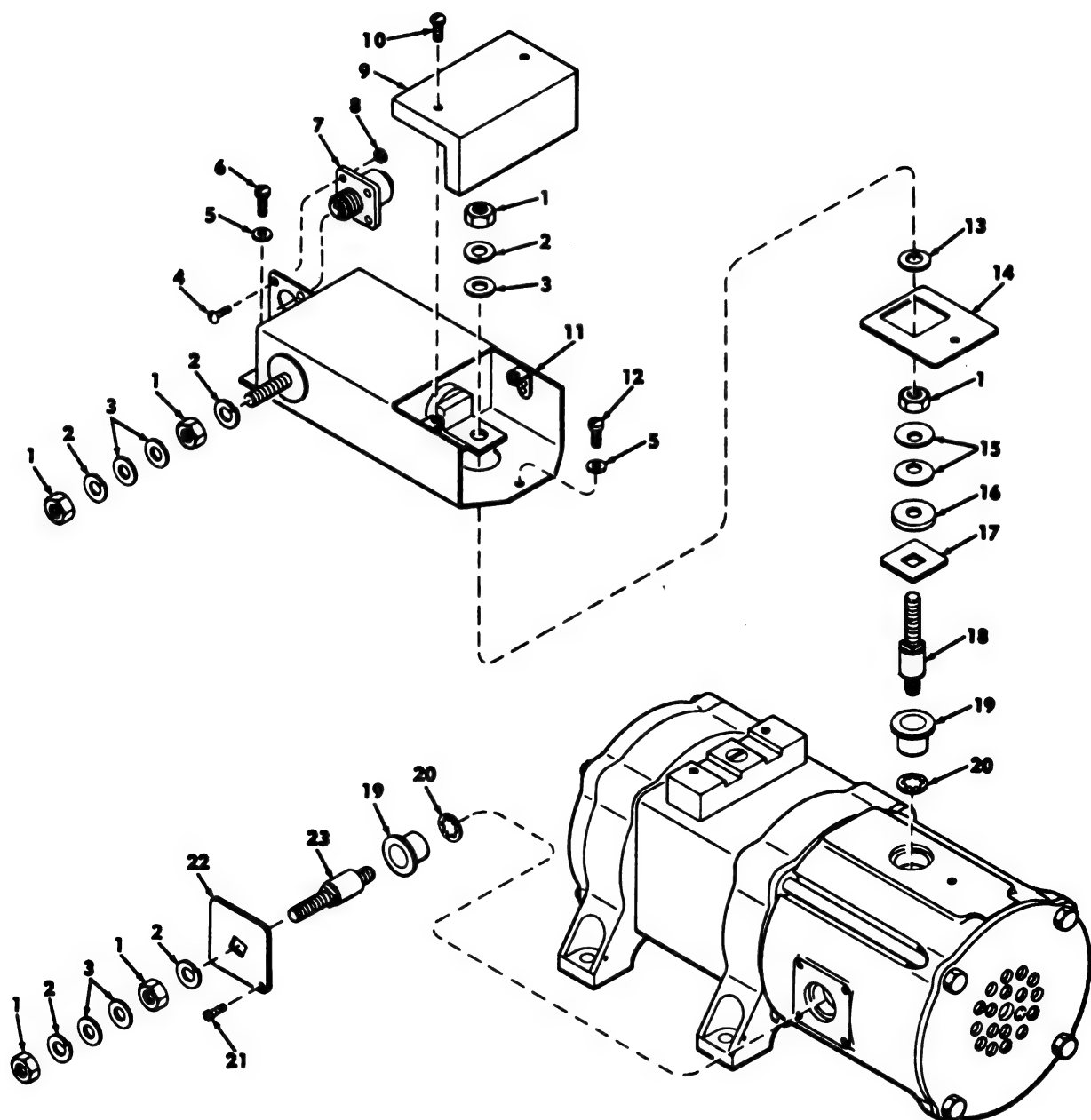


ORD G294830

| | | |
|---------------------------|---------------------------------|---------------------------|
| 1 BRUSH 9020936.....4 | 10 SCREW 9151299.....3 | 18 NUT AN320-5.....1 |
| 2 BRUSH 9020937.....4 | 11 LEAD 9151283.....1 | 19 IMPELLER 9151291.....1 |
| 3 SWITCH 9020614.....1 | 12 SCREW MS35265-30.....2 | 20 COVER 83414.....1 |
| 4 SCREW 9151301.....4 | 13 TERMINAL STRIP 9151285.....1 | 21 PIN MS16562-123.....1 |
| 5 TERMINAL 9151284.....4 | 14 SPACER 9151298.....2 | 22 IMPELLER 9151286.....1 |
| 6 INSULATOR 9151289.....2 | 15 BOLT AN400447A.....4 | |
| 7 BUS BAR 9151290.....2 | 16 ACCESS COVER PLATE | |
| 8 WASHER 9151296.....4 | 9151282.....1 | |
| 9 SCREW 9151300.....1 | 17 PIN MS24665-134.....1 | |

* FURNISHED WITH ITEM 3

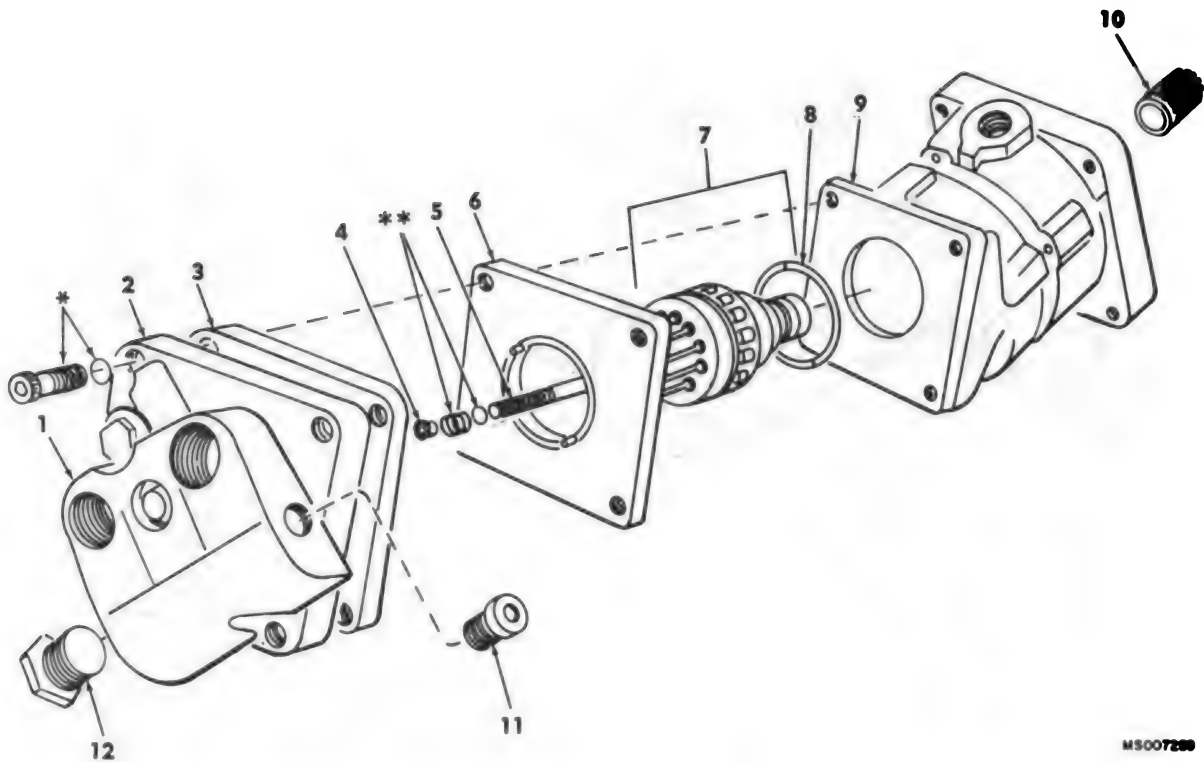
FIGURE 107. MOTOR, DIRECT CURRENT /9019635/



MI 39368

| | | |
|---------------------------------|-----------------------------|----------------------------|
| 1 NUT MS20341-516A.....6 | 9 COVER 9020952.....1 | 17 INSULATOR 9020935.....1 |
| 2 WASHER MS35338-102.....5 | 10 SCREW MS35206-245.....2 | 18 STUD 9151297.....1 |
| 3 WASHER MS49901-6.....5 | 11 FILTER 72121-C2216.....1 | 19 BUSHING 9151293.....2 |
| 4 SCREW MS35206-215.....4 | 12 SCREW 9151277.....1 | 20 WASHER MS35333-41.....2 |
| 5 WASHER AN960-8.....3 | 13 WASHER 9020638.....1 | 21 SCREW 9020941.....1 |
| 6 SCREW MS35265-44.....2 | 14 PLATE 9151288.....1 | 22 PLATE 9151287.....1 |
| 7 CONNECTOR CA3100ER10SL3P....1 | 15 WASHER 9978469.....2 | 23 STUD 9151294.....1 |
| 8 NUT MS21044M04.....4 | 16 INSULATOR 9151295.....1 | |

FIGURE 106. MOTOR, DIRECT CURRENT /9019635/
/SEE FIGURE 100 FOR NEXT HIGHER ASSEMBLY/

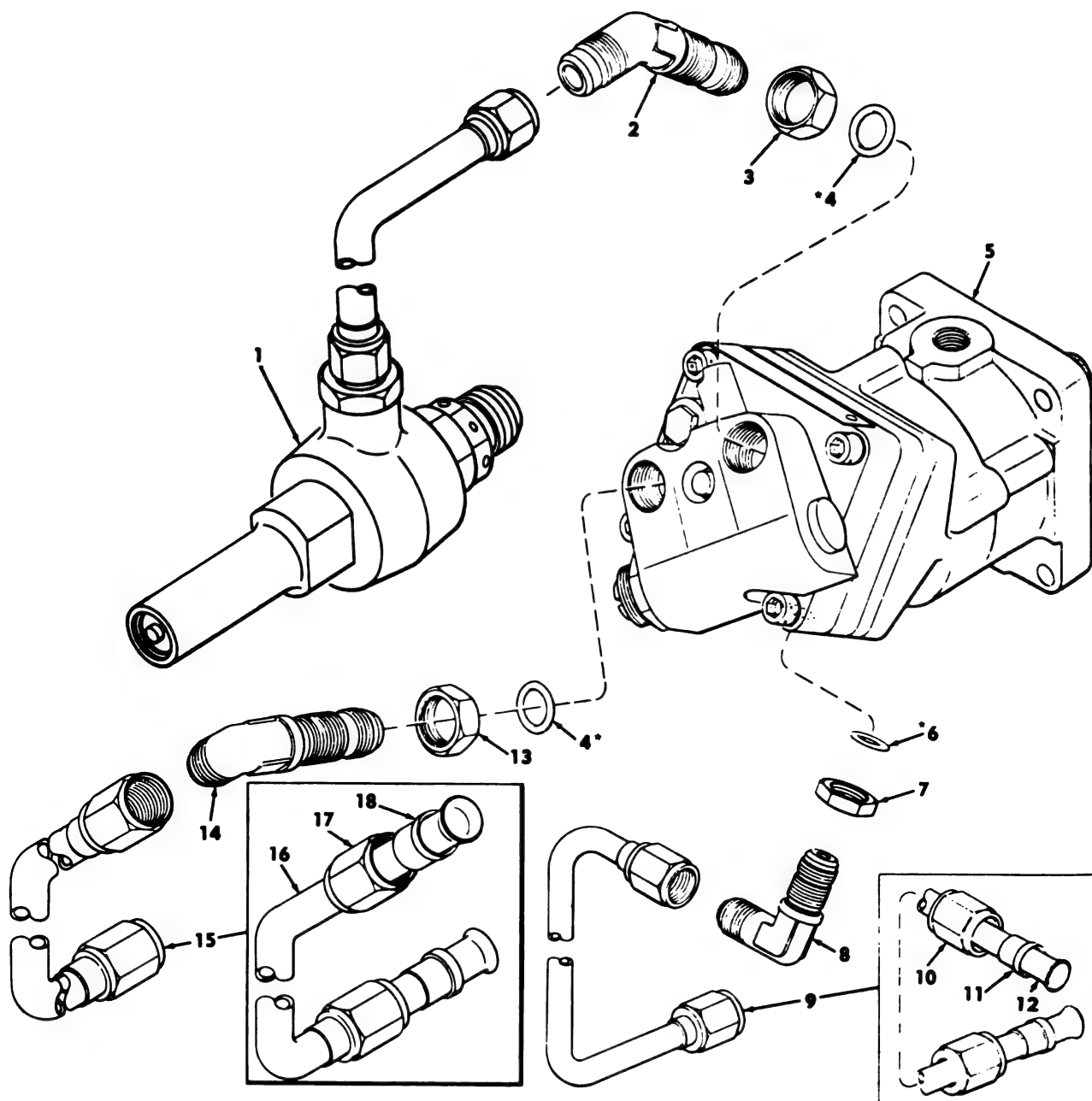


MS007200

| | | |
|----------------------------------|----------------------------------|-----------------------|
| 1 VALVE ASSEMBLY 9978033.....1 | 7 SHAFT AND PISTON ASSEMBLY | 11 PLUG 9978022.....1 |
| 2 HOUSING ASSEMBLY 9978035.....1 | 9978027.....1 | 12 PLUG 9978021.....1 |
| 3 ROTOR ASSEMBLY 9978036.....1 | 8 WASHER 9978028.....1 | |
| 4 RETAINER 9978023.....1 | 9 HOUSING ASSEMBLY 9978032.....1 | |
| 5 PIN 9978034.....1 | 10 SHAFT 9978030.....1 | |
| 6 RETAINER ASSEMBLY | | |
| 9978029.....1 | | |

* COMPONENT OF ITEM 2
** COMPONENT OF ITEM 7

FIGURE 105. PUMP, AXIAL, PISTON /9020546/
/SEE FIGURE 104 FOR NEXT HIGHER ASSEMBLY/



MI 39360

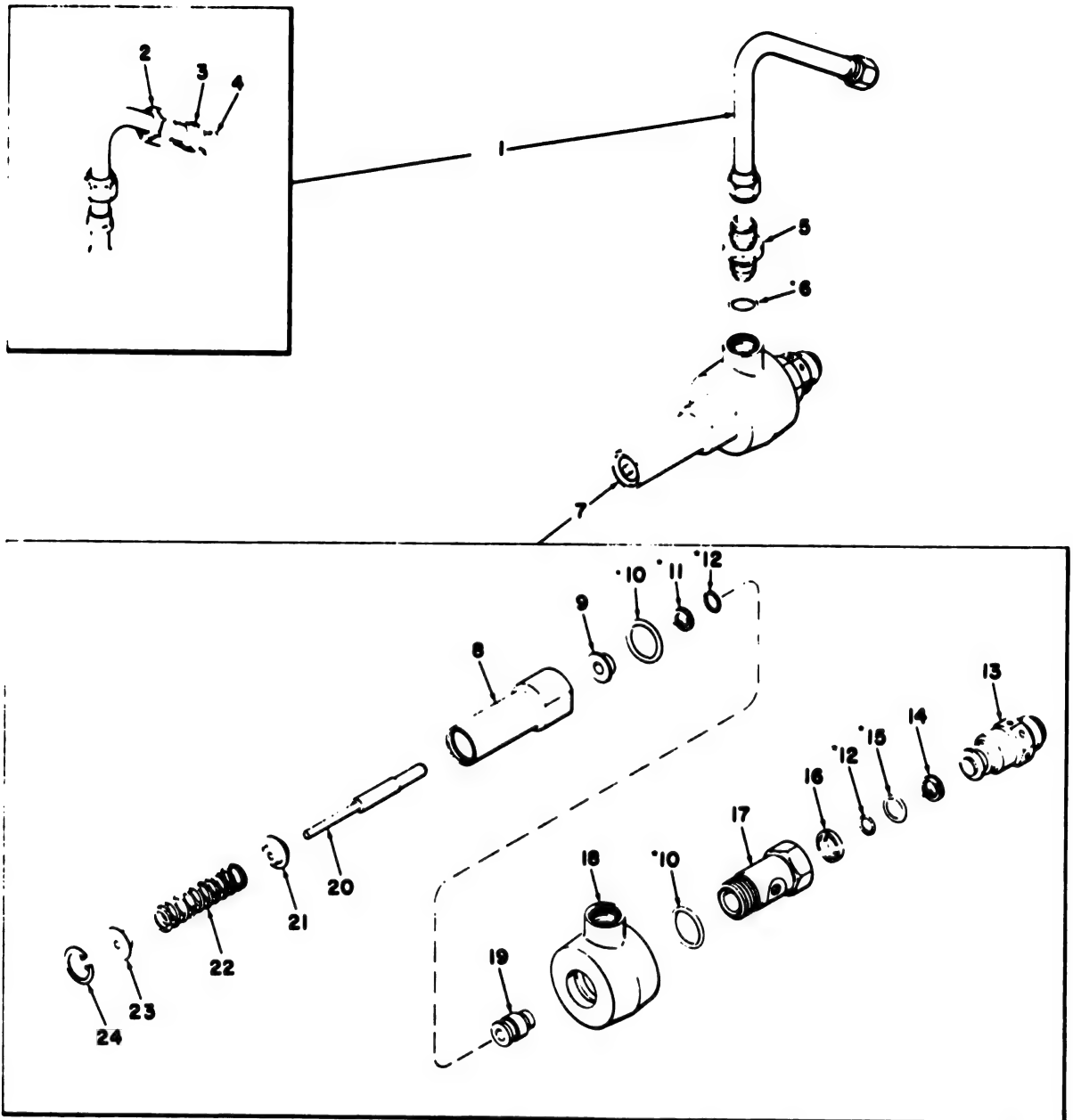
1 TUBE ASSEMBLY 9979038.....1
SEE FIGURE 103 FOR DETAILS
2 ELBOW AN837-6J.....1
3 NUT AN924-6J.....1
4 PACKING MS28775-111.....2
5 PUMP 9020546.....1
SEE FIGURE 103 FOR DETAILS
6 PACKING 10996841-1.....1

7 NUT MS2440004.....1
8 ELBOW MS2439404.....1
9 TUBE ASSEMBLY 9020544.....1
10 NUT AN818-40.....2
11 SLEEVE MS20819-40.....2
12 TUBE R177083.....6
13 NUT MS2440006.....1
14 ELBOW AN837-6D.....1

15 TUBE ASSEMBLY 9020542.....1
16 TUBE R177084.....6
17 NUT AN818-6D.....2
18 SLEEVE MS20819-6D.....2

* COMPONENT OF KIT 5952217

FIGURE 104. PUMP ASSEMBLY, HYDRAULIC /9020545/
/SEE FIGURE 100 FOR NEXT HIGHER ASSEMBLY/

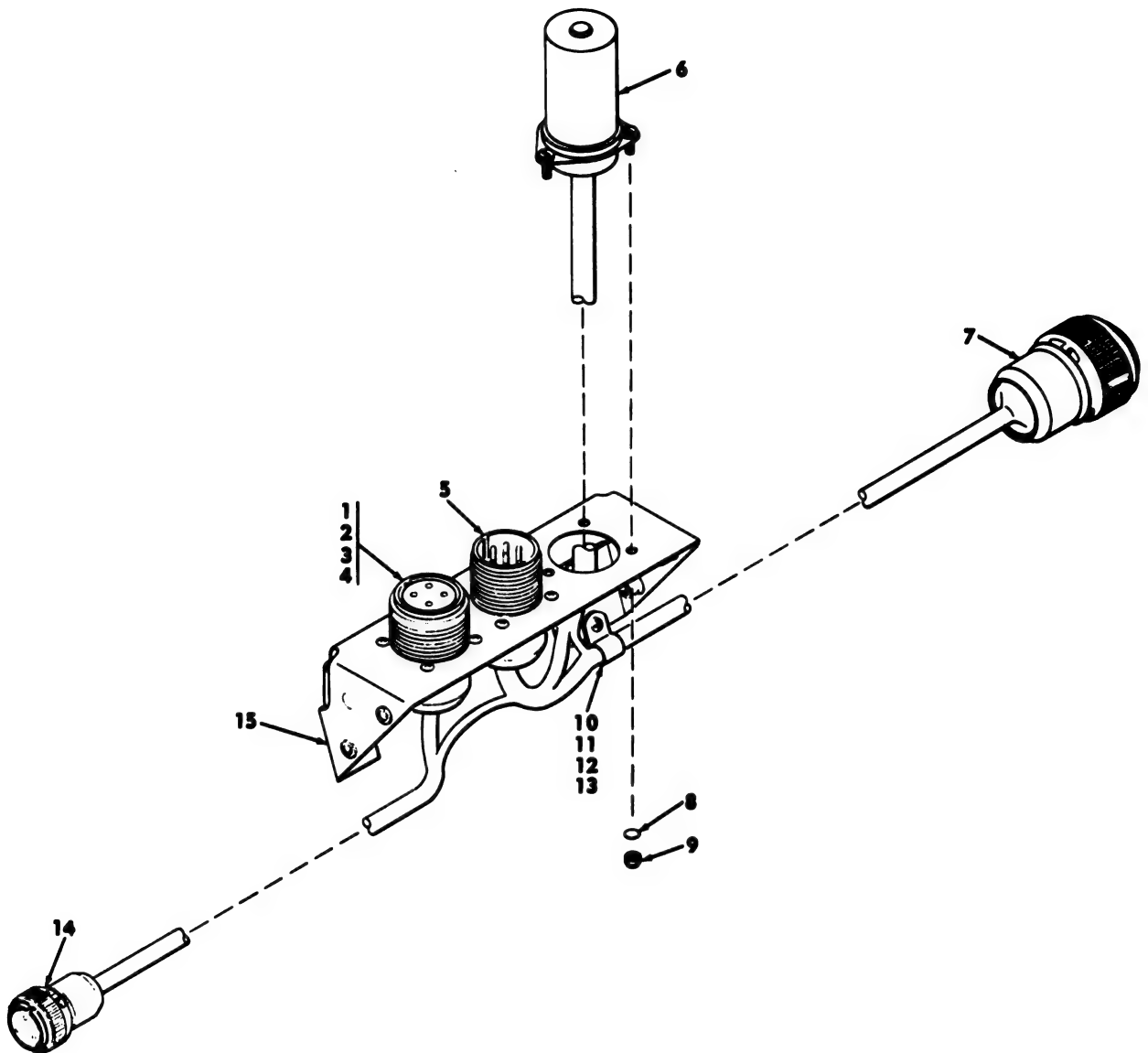


ORD G294146A

| | | |
|----|-----------------------------|---|
| 1 | TUBE ASSEMBLY 9978882 | 1 |
| 2 | NUT AN818-6C..... | 2 |
| 3 | SLEEVE MS20819-6J..... | 2 |
| 4 | TUBE AN30496..... | 0 |
| 5 | NIPPLE AN815-6J..... | 1 |
| 6 | PACKING 9034446..... | 1 |
| 7 | VALVE 9978869..... | 1 |
| 8 | HOUSING 9978874..... | 1 |
| 9 | SPACER 9978875..... | 1 |
| 10 | PACKING MS28775-211..... | 2 |
| 11 | RETAINER MS28782-7..... | 1 |
| 12 | PACKING MS28775-012..... | 2 |
| 13 | CONNECTOR 9978870..... | 1 |
| 14 | RETAINER MS28782-9..... | 1 |
| 15 | PACKING MS28775-111..... | 1 |
| 16 | RETAINER 9978877..... | 1 |
| 17 | STUD 9978876..... | 1 |
| 18 | BODY MS21946-6H..... | 1 |
| 19 | PISTON 9978878..... | 1 |
| 20 | PLUNGE 9978871..... | 1 |
| 21 | GUIDE 9978873..... | 1 |
| 22 | SPRING 9978872..... | 1 |
| 23 | PLUG 9978887..... | 1 |
| 24 | RING MS16625-1068..... | 1 |

* COMPONENT OF KIT 5952217

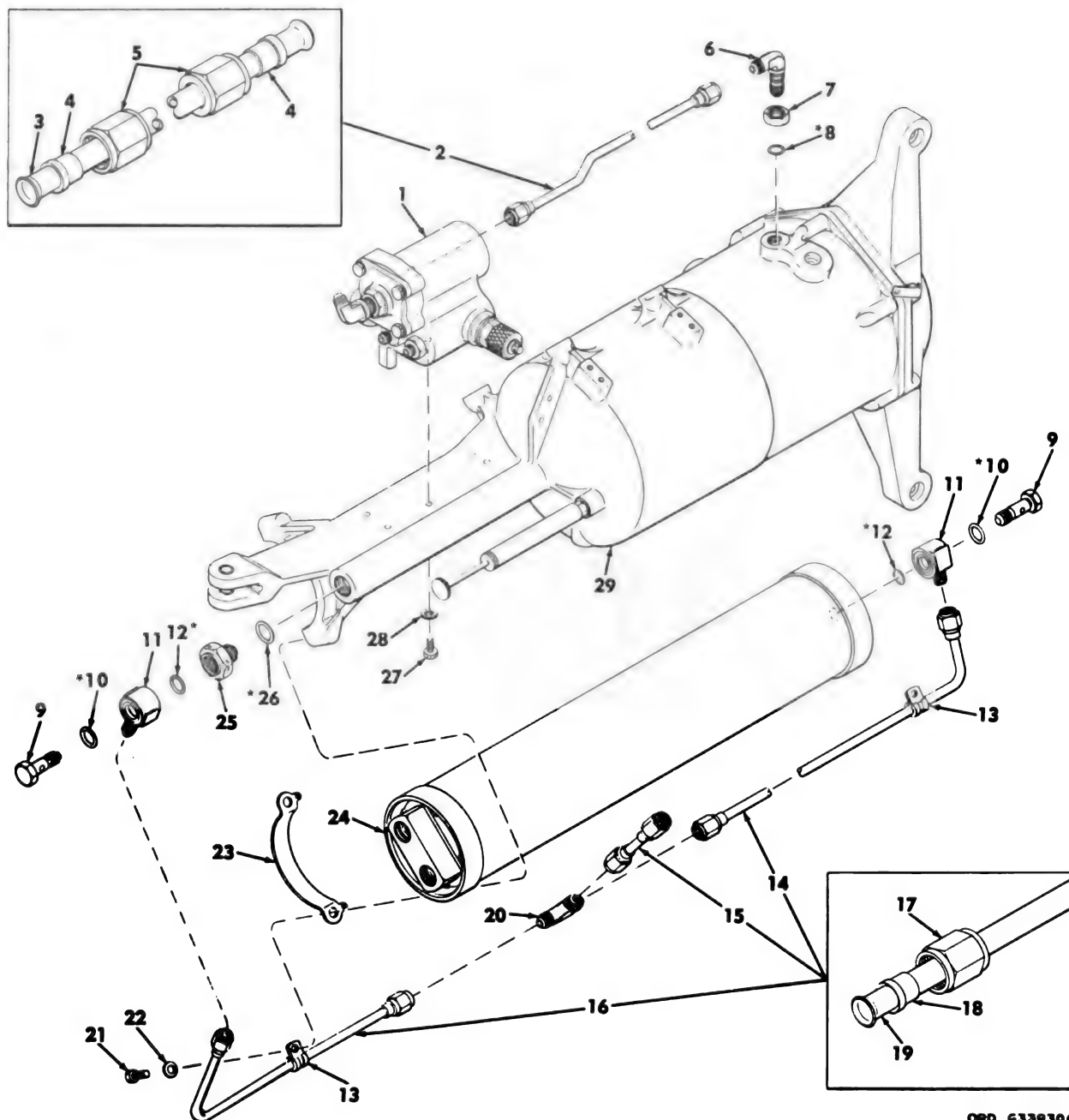
FIGURE 103. TUBE AND VALVE ASSEMBLY, HYDRAULIC PUMPING UNIT /9979038/
/SEE FIGURE 104 FOR NEXT HIGHER ASSEMBLY/



ORD G294827

| | | | | | |
|---|-------------------------|----|-------------------------|----|-------------------------|
| 1 | SCREW MS35206-216.....8 | 6 | RFLAY 9022096.....1 | 11 | WASHER AN960-8L.....1 |
| 2 | WASHER MS27183-4.....16 | 7 | CONNECTOR 9018713.....1 | 12 | NUT MS21083N08.....1 |
| 3 | NUT MS21044N04.....8 | 8 | WASHER AN960-8L.....3 | 13 | CLAMP NAS1397K4N.....1 |
| 4 | CONNECTOR 9022093.....1 | 9 | NUT MS21083N06.....3 | 14 | CONNECTOR 9022095.....1 |
| 5 | CONNECTOR 9022094.....1 | 10 | SCREW MS35206-243.....1 | 15 | PANEL 9019732.....1 |

FIGURE 102. PANEL ASSEMBLY, HYDRAULIC PUMPING UNIT /9019729/
/SEE FIGURE 99 FOR NEXT HIGHER ASSEMBLY/

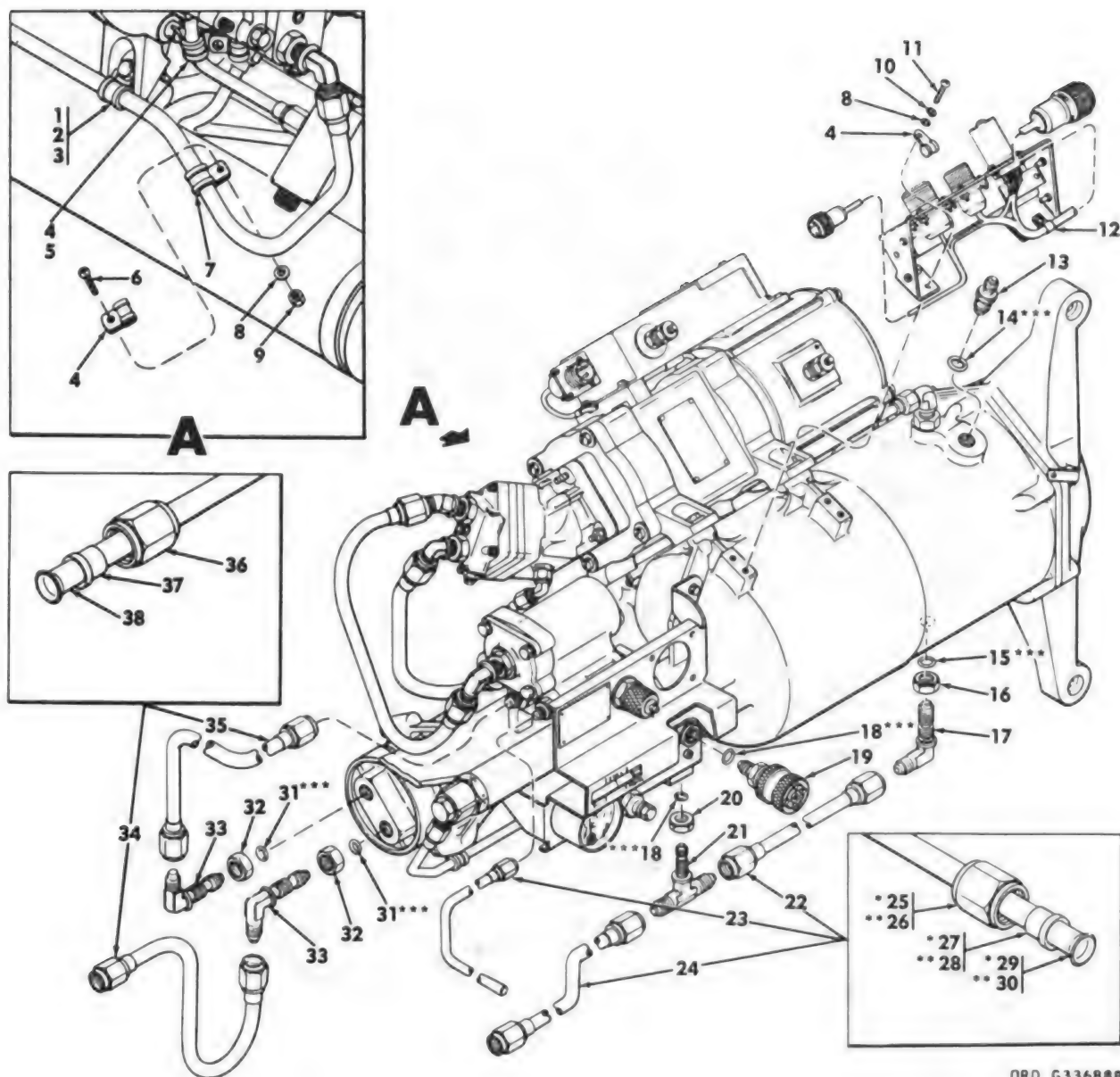


ORD 6339306

| | | | | | |
|----|--|----|-----------------------------|----|----------------------------|
| 1 | MANIFOLD ASSEMBLY 9019883.....1 SEE FIGURE 109 FOR DETAILS | 11 | CONNECTOR NAS552-4.....2 | 23 | STRAP 9019734.....2 |
| 2 | TUBE ASSEMBLY 9019743.....1 | 12 | PACKING 10596841-1.....2 | 24 | ACCUMULATOR 9022107.....1 |
| 3 | TUBE 8177083.....* | 13 | CLAMP 9020554.....2 | | SEE FIGURE 111 FOR DETAILS |
| 4 | SLEEVE MS20819-4D.....2 | 14 | TUBE ASSEMBLY 9020707.....1 | 25 | ADAPTER 9019895.....1 |
| 5 | NUT AN818-4D.....2 | 15 | TUBE ASSEMBLY 9020661.....1 | 26 | PACKING MS208778-8.....1 |
| 6 | ELBOW MS2439404.....1 | 16 | TUBE ASSEMBLY 9020706.....1 | 27 | BOLT AN4H5A.....1 |
| 7 | NUT MS2440004.....1 | 17 | NUT AN818-4C.....2 | 28 | WASHER AN960C416L.....1 |
| 8 | PACKING 10596841-1.....1 | 18 | SLEEVE MS20819-4J.....2 | 29 | CYLINDER 9019590.....1 |
| 9 | BOLT 9020734.....2 | 19 | TUBE 9020205.....* | | SEE FIGURE 112 FOR DETAILS |
| 10 | PACKING 8034517.....2 | 20 | TEE 9020695.....1 | | |
| | | 21 | BOLT AN4-4A.....4 | | |
| | | 22 | WASHER AN960C416L.....4 | | |

* COMPONENT OF KIT 5952217

FIGURE 101. PUMPING UNIT, HYDRAULIC /9019617/



ORD G336888

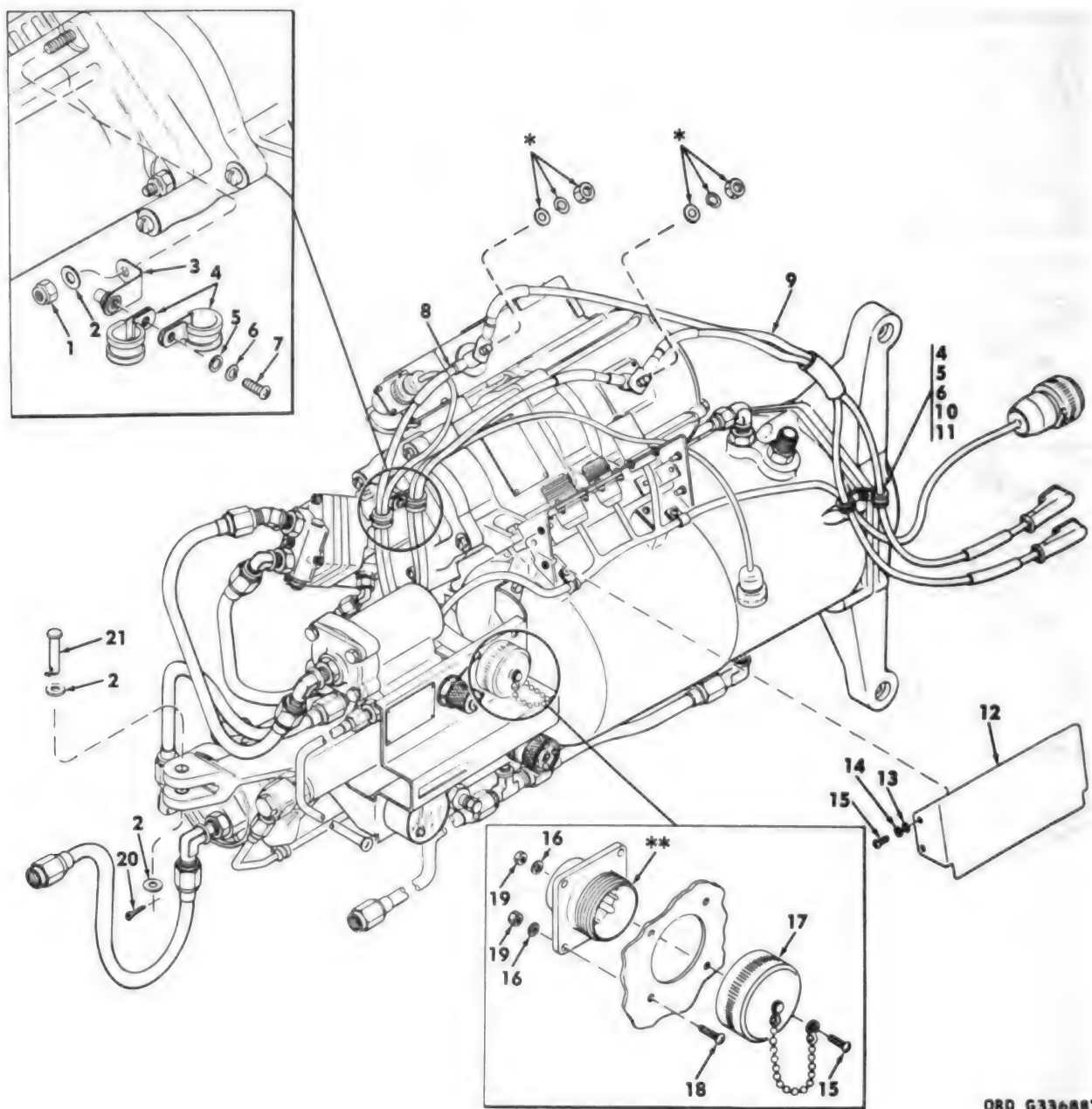
1 BOLT AM4M6A.....1
 2 WASHER MS620-416L.....1
 3 CLAMP MS219190G6.....2
 4 CLAMP MS219190G3.....3
 5 CLAMP MS219190G4.....1
 6 SCREW MS35207-264.....2
 7 CLAMP MS219190G6.....1
 8 WASHER AM960-10L.....6
 9 NUT MS21044N3.....2
 10 WASHER MS35338-138.....1
 11 SCREW MS35207-262.....4
 12 PANEL ASSEMBLY 9019729.....1
 SEE FIGURE 102 FOR DETAILS
 13 SWITCH 9020577.....1
 14 PACKING MS28778-8.....1

15 PACKING R034446.....1
 16 NUT MS24400D6.....1
 17 ELBOW AN833-6D.....1
 18 PACKING 10596841-1.....2
 19 COUPLING HALF 8527017.....1
 SEE FIGURE 88 FOR DETAILS
 20 NUT MS24400D4.....1
 21 TEE 8002829.....1
 22 TUBE ASSEMBLY 9019738.....1
 23 TUBE ASSEMBLY 9019747.....1
 24 TUBE ASSEMBLY 9019755.....1
 25 NUT AN818-6D.....2
 26 NUT AN818-4D.....1
 27 SLEEVE MS20819-6D.....2
 28 SLEEVE MS20819-4D.....1

29 TUBE 8177084.....*
 30 TUBE 8177083.....*
 31 PACKING MS28775-111.....2
 32 NUT AN924-6J.....2
 33 ELBOW MS2439456.....2
 34 TUBE ASSEMBLY 9019757.....1
 35 TUBE ASSEMBLY 9019752.....1
 36 NUT AN818-6C.....2
 37 SLEEVE MS20819-6J.....2
 38 TUBE 8030496.....*

* COMPONENT OF ITEMS 22 AND 24
 ** COMPONENT OF ITEM 23
 *** COMPONENT OF KIT 5952217

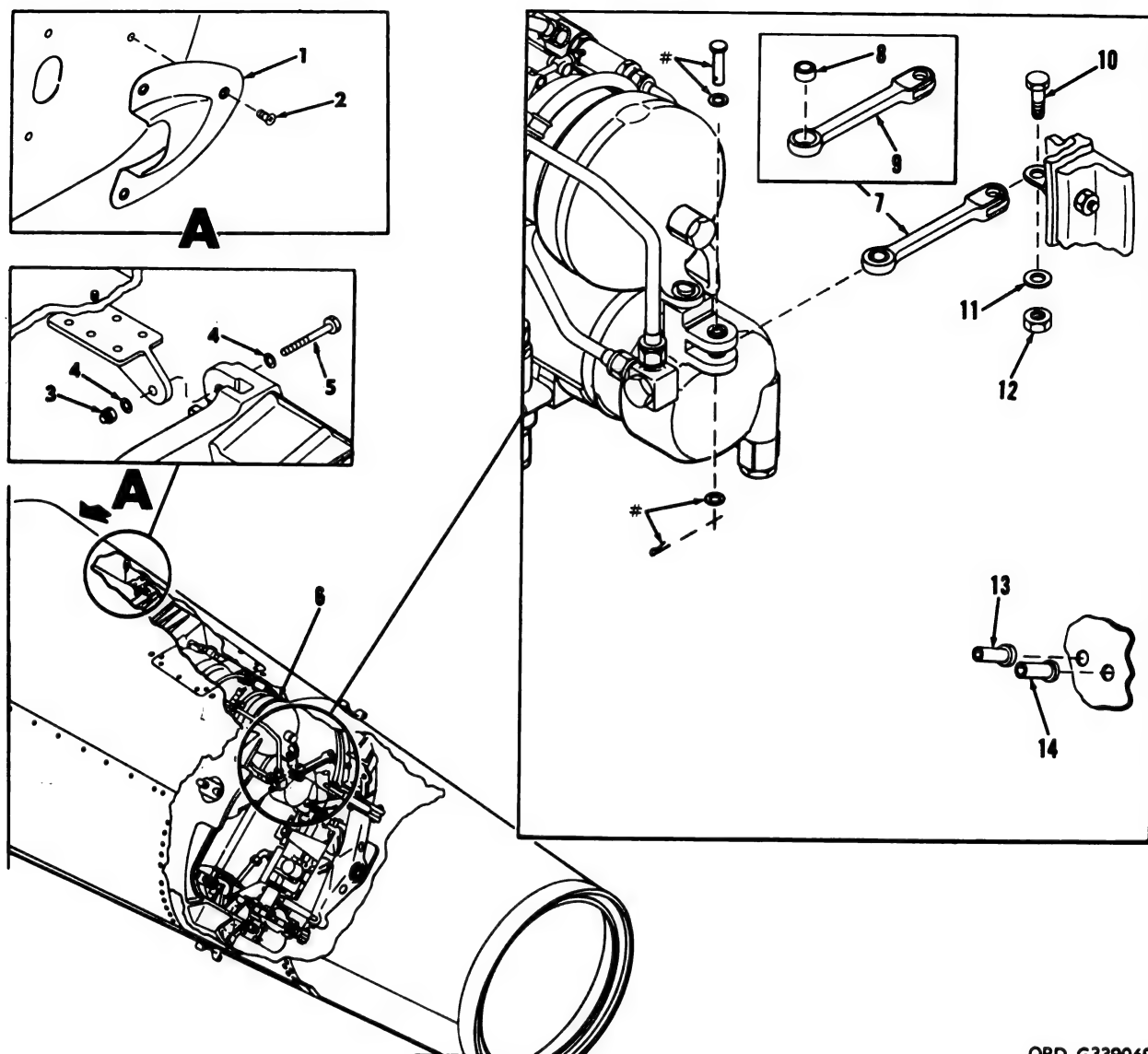
FIGURE 99. PUMPING UNIT, HYDRAULIC /9019617/



ORD 6336887

- | | | | | | |
|---|------------------------------|----|------------------------------|----|--------------------------|
| 1 | NUT MS210444.....1 | 9 | WIRING HARNESS 9019903.....1 | 17 | COVER 10018803-000.....1 |
| 2 | WASHER AN960-416L.....3 | | SEE FIGURE 17I, NUMBER 10 | 18 | SCREW MS35206-230.....3 |
| 3 | BRACKET 9978677.....1 | | FOR DETAILS | 19 | NUT MS21044N06.....4 |
| 4 | CLAMP MS21919WDG7.....3 | 10 | SCREW MS35207-266.....1 | 20 | PIN 20503-10.....1 |
| 5 | WASHER AN960-10L.....2 | 11 | CLAMP MS21919WDG9.....1 | 21 | PIN MS20392-3C41.....1 |
| 6 | WASHER MS35330-43.....2 | 12 | COVER 9019928.....1 | | |
| 7 | SCREW MS35207-265.....1 | 13 | WASHER NAS620-6.....4 | | |
| 8 | WIRING HARNESS 9019922.....1 | 14 | WASHER MS35338-136.....4 | | |
| | SEE FIGURE 17I, NUMBER 26 | 15 | SCREW MS35206-231.....5 | | |
| | FOR DETAILS | 16 | WASHER AN960-6L.....4 | | |
- * COMPONENT OF MOTOR 9019635
 ** COMPONENT OF ITEM 8

FIGURE 98. PUMPING UNIT, HYDRAULIC /9019617/
/SEE FIGURE 97 FOR NEXT HIGHER ASSEMBLY/



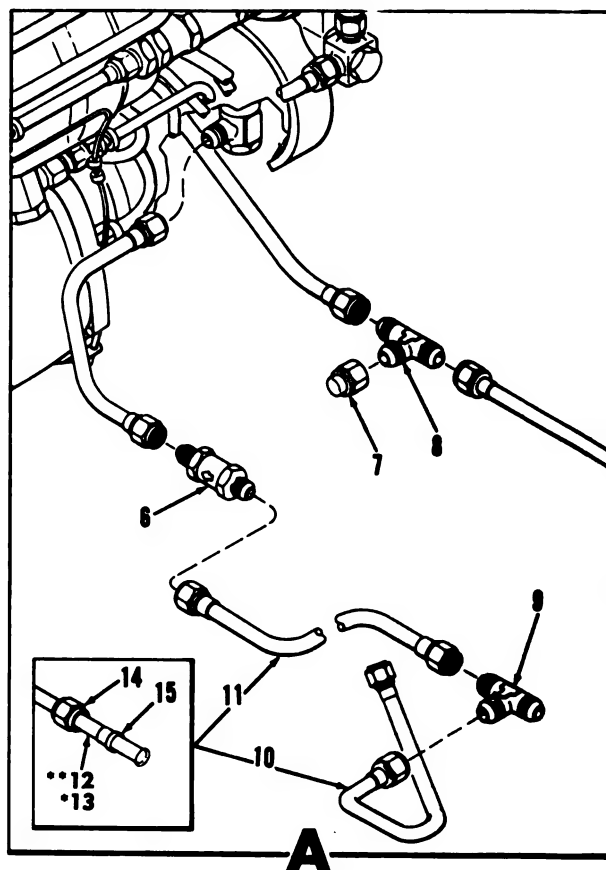
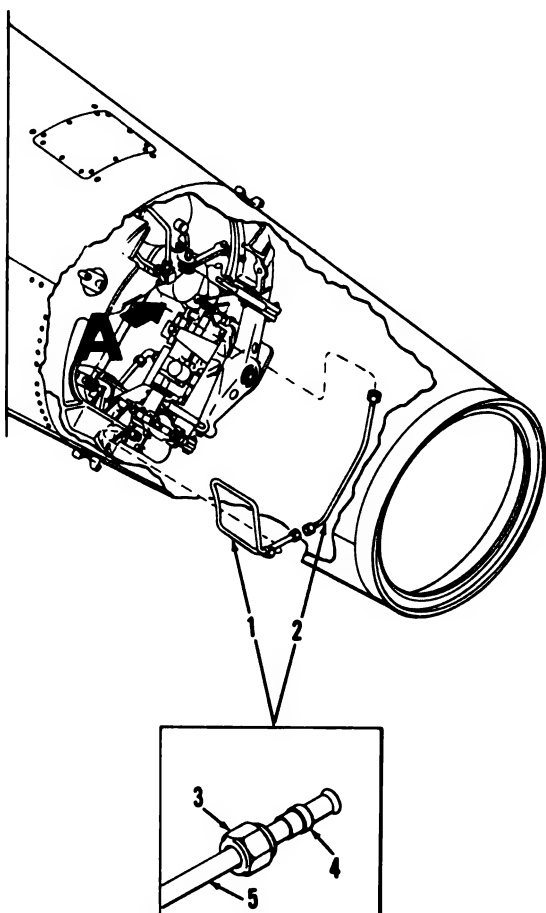
ORD G339069

1 VENTILATOR 8524874.....1
2 SCREW MS24694S49.....3
3 NUT MS21044N5.....2
4 WASHER MS27183-12.....4
5 BOLT AN5-13A.....2
6 PUMPING UNIT 9019617.....1
SEE FIGURE 98 FOR DETAILS

7 LINK ASSEMBLY 8524936.....1
8 BEARING 8524566.....1
9 LINK 8524936-3.....1
10 BOLT AN6-7A.....1
11 WASHER AN960-616L.....1

12 NUT MS21083D6.....1
13 BUSHING 9025886.....1
14 BUSHING 8164729.....1
8 COMPONENT OF PUMPING UNIT
9019617

FIGURE 97. SYSTEM INSTALLATION, HYDRAULIC /9020507/



ORD G294766

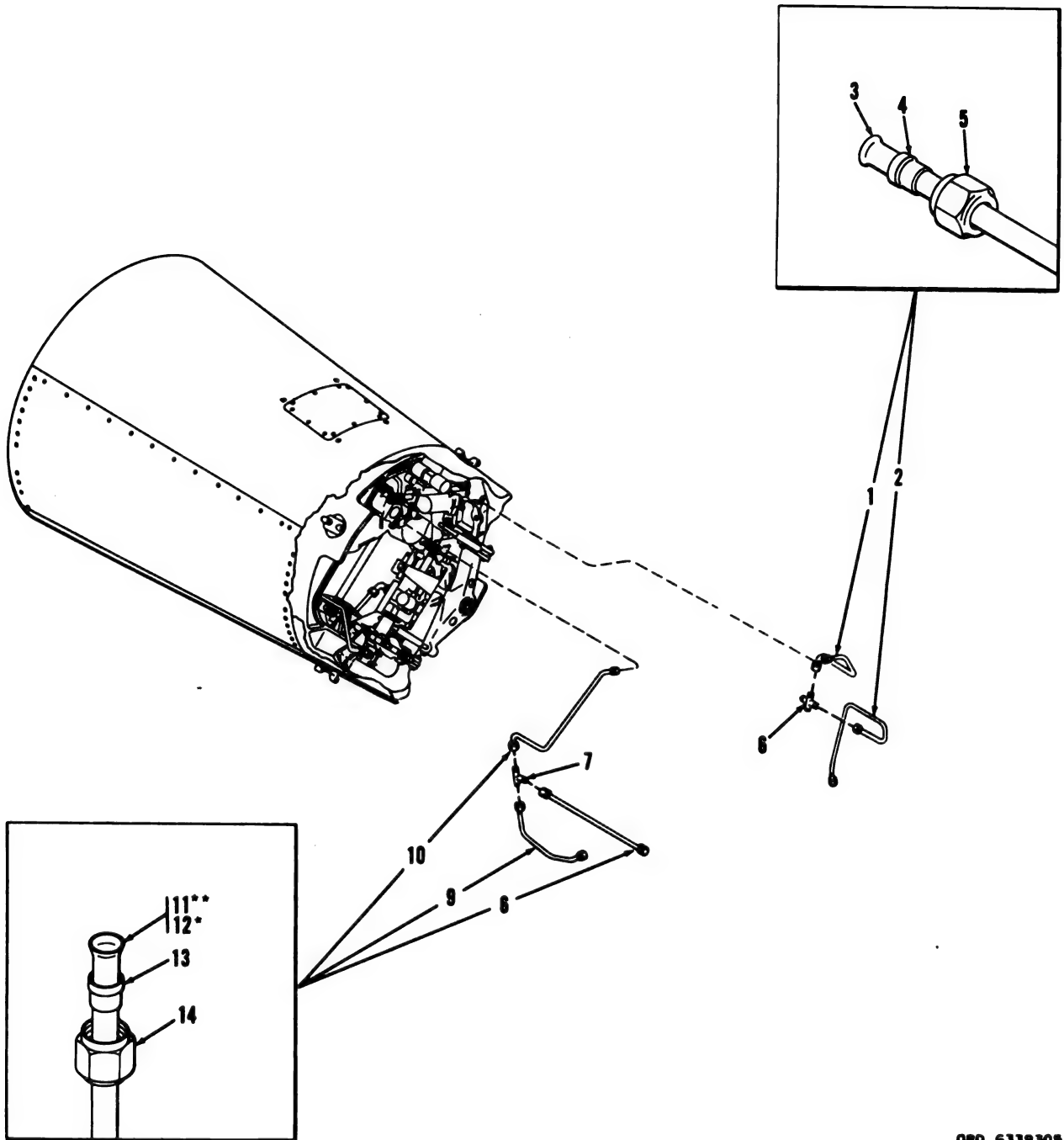
1 TUBE ASSEMBLY MS21035.....1
 2 TUBE ASSEMBLY 8521034.....1
 3 NUT AN818-6.....2
 4 SLEEVE MS20819-6.....2
 5 TUBE R030496.....*
 6 VALVE 9019693.....1
 7 CAP AN929-6J.....1

8 TEE MS24402-6.....1
 9 TEE MS24402D6.....1
 10 TUBE ASSEMBLY 8521042.....1
 11 TUBE ASSEMBLY 9019660.....1
 12 TUBE 8521636.....*
 13 TUBE R177084.....*
 14 NUT AN818-6D.....2

15 SLEEVE MS20819-6D.....2

* COMPONENT OF ITEM 11
 ** COMPONENT OF ITEM 10

FIGURE 96. SYSTEM INSTALLATION, HYDRAULIC /9020507/

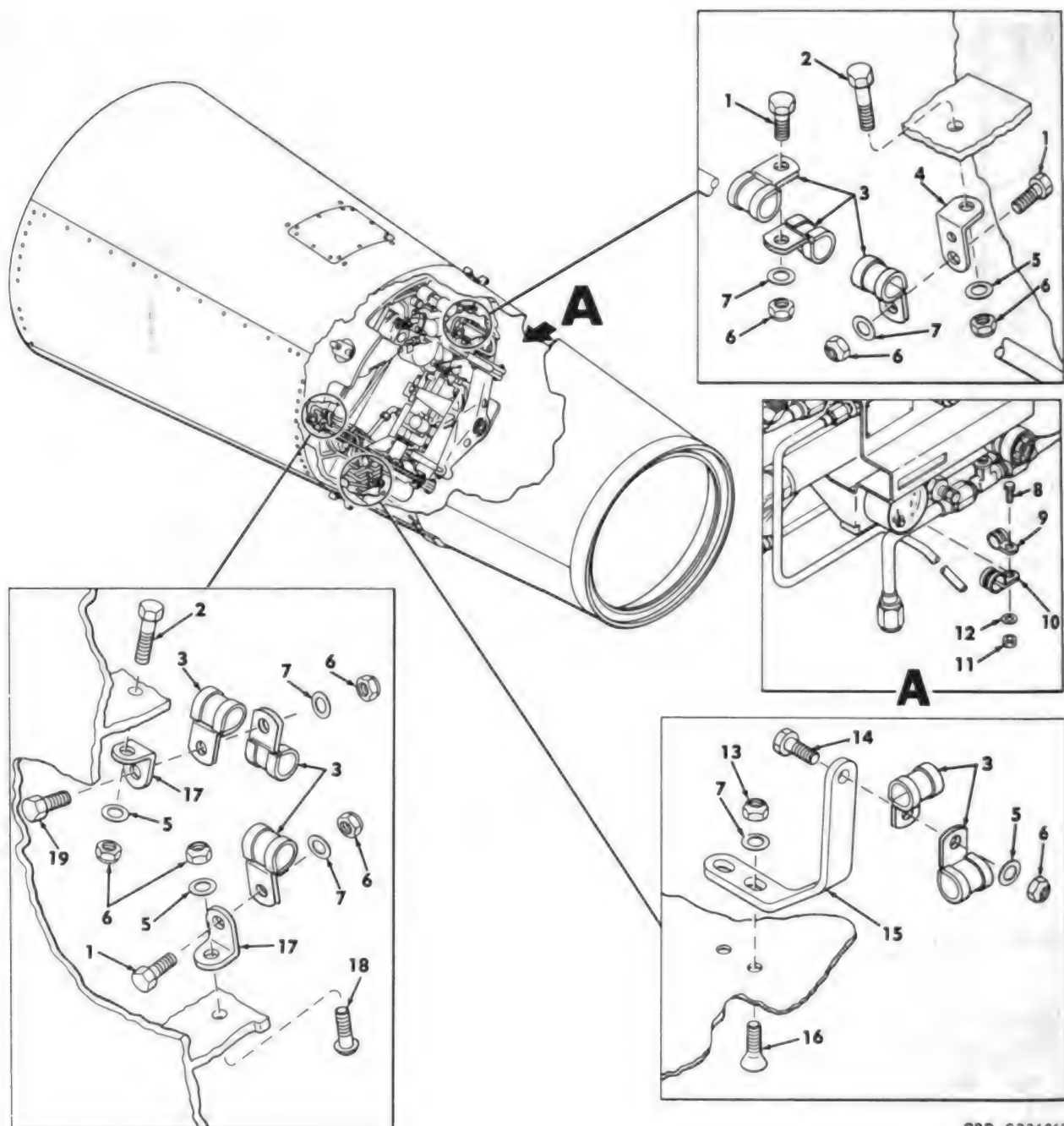


ORD 6339305

| | | | | | |
|---|-----------------------------|----|-----------------------------|----|-------------------------|
| 1 | TUBE ASSEMBLY 8521037.....1 | 7 | TEE MS2440204.....1 | 13 | SLEEVE MS20819-6D.....2 |
| 2 | TUBE ASSEMBLY 8521036.....1 | 8 | TUBE ASSEMBLY 8521040.....1 | 14 | NUT AN818-6D.....2 |
| 3 | TUBE R030496.....* | 9 | TUBE ASSEMBLY 8521038.....1 | | |
| 4 | SLEEVE MS20819-6.....2 | 10 | TUBE ASSEMBLY 8521039.....1 | | |
| 5 | NUT AN818-6.....2 | 11 | TUBE 8521636.....* | | |
| 6 | CROSS AN827-6.....1 | 12 | TUBE 8177084.....* | | |

* COMPONENT OF ITEM 10
 ** COMPONENT OF ITEMS 8 AND 9

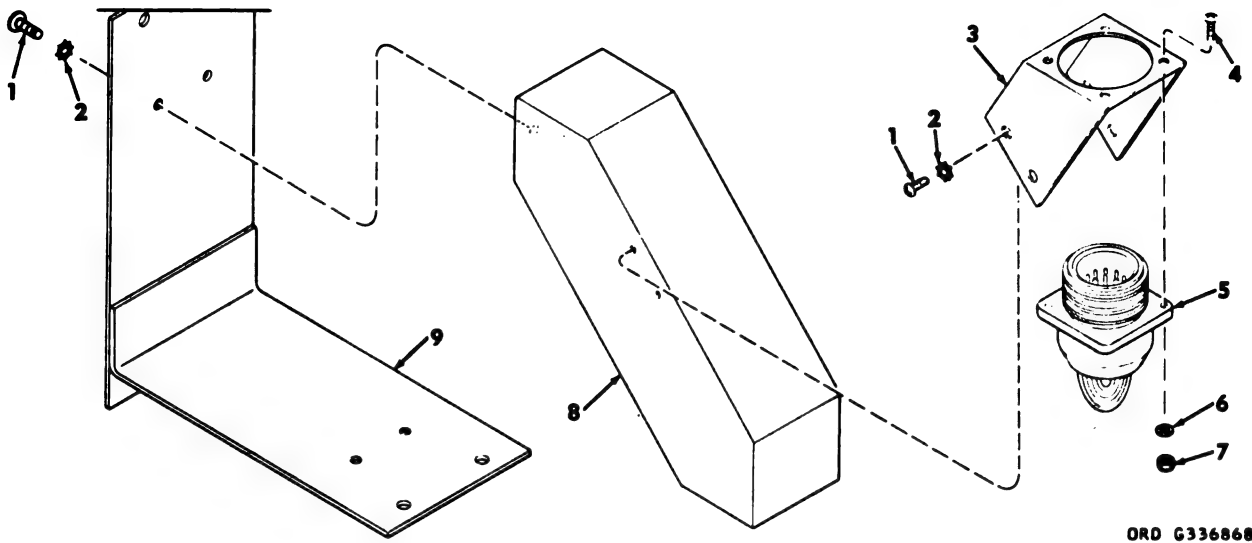
FIGURE 95. SYSTEM INSTALLATION, HYDRAULIC /9020507/



ORD G336869

| | | |
|--------------------------|---------------------------|---------------------------|
| 1 BOLT AN3-3A.....3 | 8 BOLT AN3-3A.....1 | 15 BRACKET 8521062.....1 |
| 2 BOLT AN3-4A.....2 | 9 CLAMP MS21919DG6.....1 | 16 SCREW MS24694S50.....2 |
| 3 CLAMP MS21919DG6.....8 | 10 CLAMP MS21919DG6.....1 | 17 BRACKET AN743-12.....2 |
| 4 BRACKET 8521063.....1 | 11 NUT MS2104403.....1 | 18 SCREW NAS221-11.....1 |
| 5 WASHER AN960-10.....4 | 12 WASHER AN960-10L.....1 | 19 BOLT AN3-4A.....1 |
| 6 NUT MS2104403.....2 | 13 NUT MS21083N3.....2 | |
| 7 WASHER AN960-10L.....6 | 14 BOLT AN3-5A.....1 | |

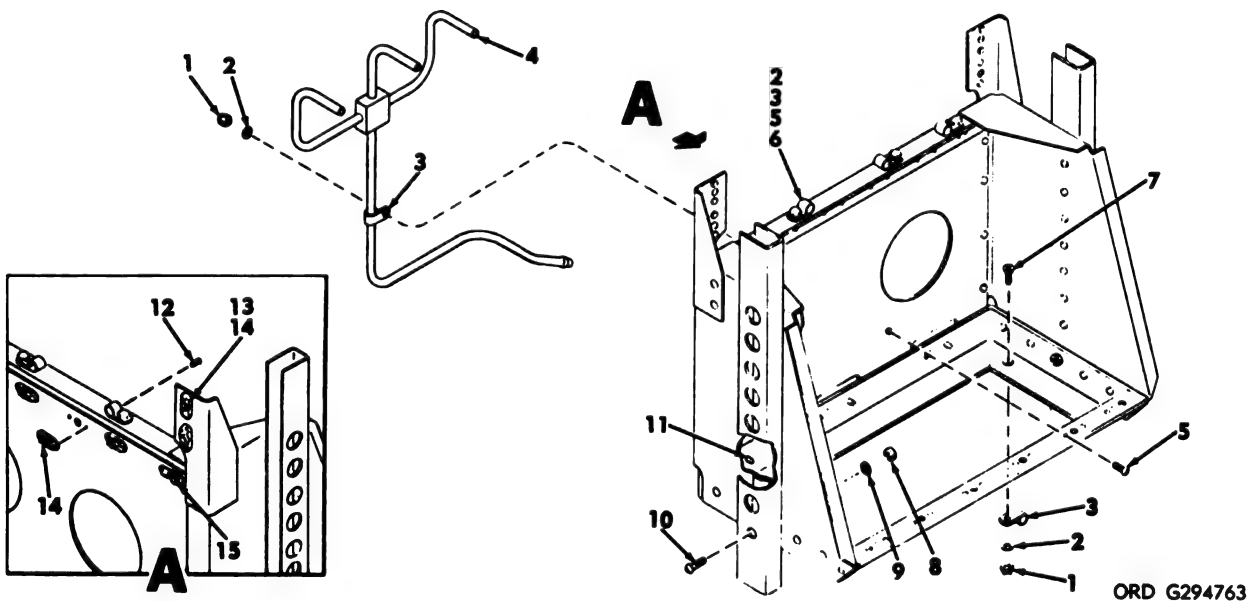
FIGURE 94. SYSTEM INSTALLATION, HYDRAULIC /9020507/
/SEE FIGURE 69 FOR NEXT HIGHER ASSEMBLY/



ORD G336868

- | | |
|---------------------------|---------------------------------|
| 1 SCREW MS35223-62.....8 | 6 WASHER AN960-6L.....4 |
| 2 WASHER MS35335-32.....8 | 7 NUT MS21083N06.....4 |
| 3 BRACKET 9019711.....1 | 8 PLATE 9019714.....1 |
| 4 SCREW 154982.....4 | 9 SUPPORT AND PIN 9019723.....1 |
| 5 CONNECTOR 9019715.....1 | |

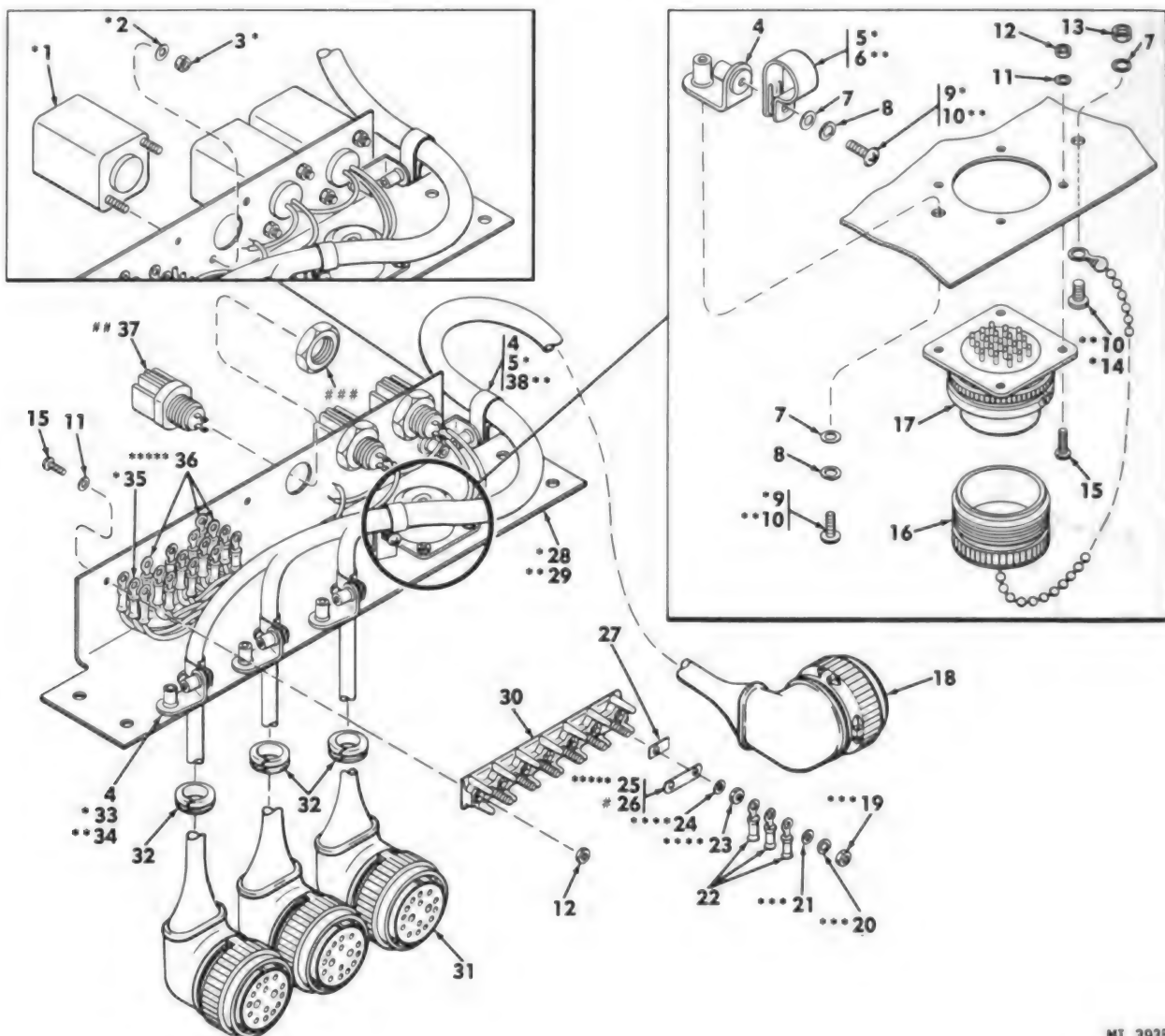
FIGURE 92. DUMMY BATTERY, SQUIB /9019687/
/SEE FIGURE 79 FOR NEXT HIGHER ASSEMBLY/



ORD G294763

- | | | |
|------------------------------------|----------------------------|------------------------------|
| 1 NUT MS21083N08.....2 | 6 NUT 9018867.....3 | 12 RIVET MS20426AD3-6.....24 |
| 2 WASHER AN960-8L.....5 | 7 SCRFW MS24693S49.....1 | 13 RIVFT MS20426A3-4.....8 |
| 3 CLAMP MS9025-03.....5 | 8 NUT MS21083N3.....2 | 14 NUT MS21059L3.....14 |
| 4 VENT TUBE ASSEMBLY 9019807.....1 | 9 WASHER AN960-10L.....2 | 15 NUT MS21061L3.....2 |
| 5 SCREW MS35206-244.....4 | 10 SCREW MS35207-264.....2 | |
| | 11 PIN 9019797.....3 | |

FIGURE 93. RACK, BATTERY /9019675/
/SEE FIGURE 79 FOR NEXT HIGHER ASSEMBLY/

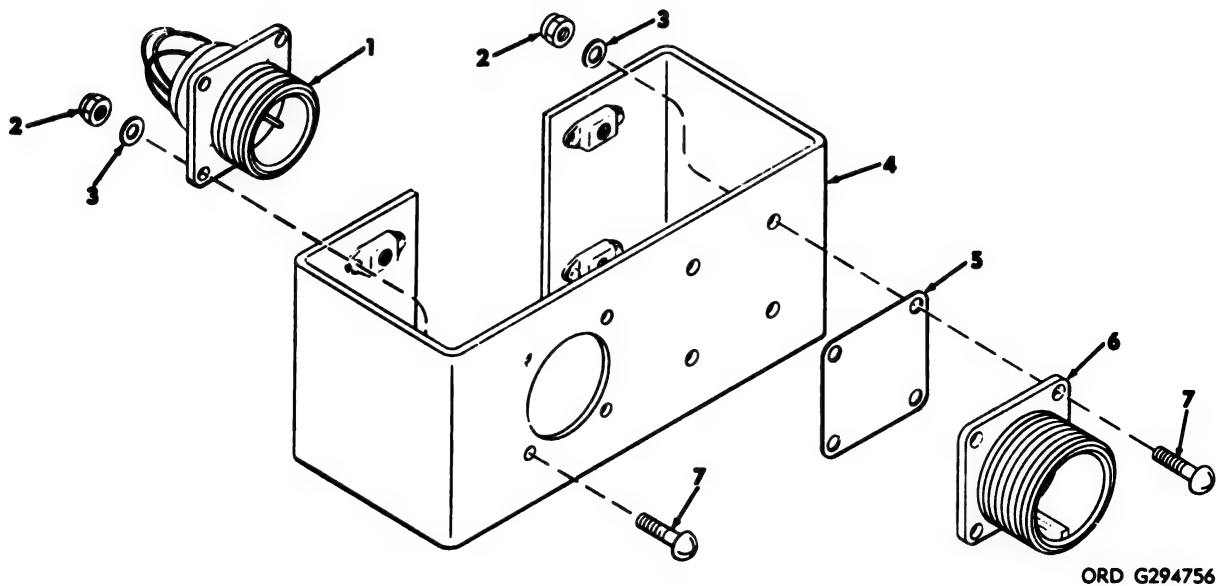


MI 39357

| | | |
|-----------------------------|--------------------------------------|-------------------------------|
| 1 TRANSFORMER 9018328.....3 | 19 NUT MS35649-262.....6 | 36 TERMINAL MS25036-101.....3 |
| 2 WASHER AN960-6L.....6 | 20 WASHER MS35338-41.....6 | 37 RESISTOR 9020578.....3 |
| 3 NUT MS21044N06.....6 | 21 WASHER AN960-6L.....6 | 38 CLAMP NAS1397P6N.....1 |
| 4 BRACKET 9019631.....5 | 22 TERMINAL MS25036-101.....15 | |
| 5 CLAMP NAS1397R7.....2 | 23 NUT MS250-82-1.....6 | |
| 6 CLAMP NAS1397K9N.....1 | 24 WASHER AN960-6L.....6 | |
| 7 WASHER AN960-8L.....11 | 25 LINK MS25226-2-20.....2 | |
| 8 WASHER MS35338-42.....10 | 26 LINK MS25226-2-20.....3 | |
| 9 SCREW MS35206-246.....10 | 27 INSULATOR MS25227-1.....2 | |
| 10 SCREW MS35206-243.....11 | 28 PANEL 9978069.....1 | |
| 11 WASHER MS27183-4.....6 | 29 PANEL 901972R.....1 | |
| 12 NUT MS21044N04.....6 | 30 TERMINAL BOARD MS27212-1-20.....1 | |
| 13 NUT MS21083N08.....1 | 31 CONNECTOR 9018927.....3 | |
| 14 SCREW MS35206-243.....1 | 32 GROMMET NAS557-88.....3 | |
| 15 SCREW MS35206-215.....6 | 33 CLAMP NAS1397R5.....3 | |
| 16 COVER MS25042-22C.....1 | 34 CLAMP NAS1397P6N.....3 | |
| 17 CONNECTOR 9026507.....1 | 35 TERMINAL MS25036-101.....1 | |
| 18 CONNECTOR 9018A64.....1 | | |

* FOR PANEL 9978069
 ** FOR PANEL 9019678
 *** FOR PANEL 9978069 WITH
 SERIAL NO. 17352 AND UP
 **** FURNISHED WITH ITEM 30
 ***** FOR PANEL 9978069 WITH
 SERIAL NO. 18050 AND UP
 # FOR PANEL 9019678 AND FOR
 PANEL 9978069 WITH SERIAL
 NO. 16685-18849
 ## FOR PANEL 9019678 WITH
 SERIAL NO. 14965-16684
 ### FURNISHED WITH ITEM 37

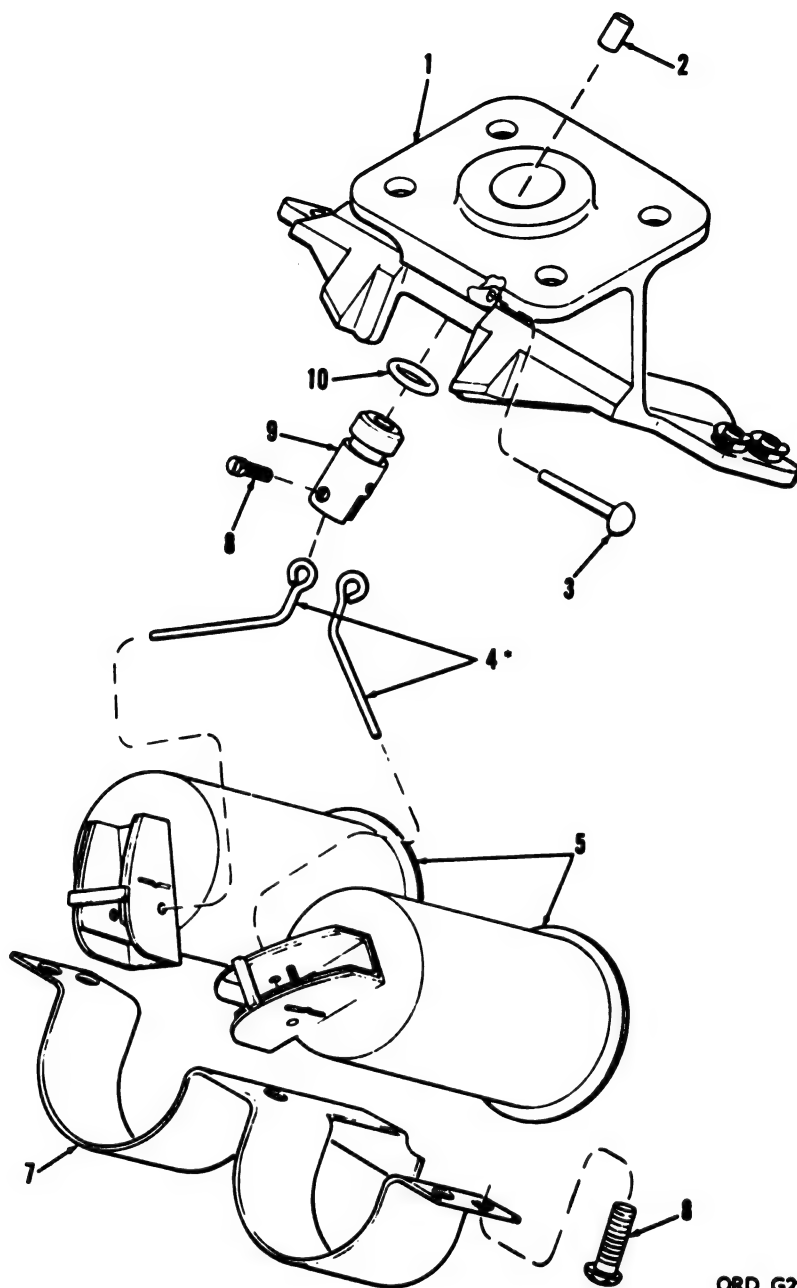
FIGURE 91. PANEL, COMPONENT MOUNTING /9019678 AND 9978069/
 /SEE FIGURE 79 FOR NEXT HIGHER ASSEMBLY/



ORD G294756

| | | | |
|---|-----------------|-----------------|---|
| 1 | DUMMY CONNECTOR | 9978536..... | 1 |
| 2 | NUT | MS21044N04..... | 8 |
| 3 | WASHER | MS27183-4..... | 8 |
| 4 | BRACKET | 9978537..... | 1 |
| 5 | GASKET | NA5950-4..... | 1 |
| 6 | CONNECTOR | MS3105-145..... | 1 |
| 7 | SCREW | MS91957-17..... | 8 |

FIGURE 90. CONNECTOR ASSEMBLY, ELECTRICAL /9978535/
/SEE FIGURE 78 FOR NEXT HIGHER ASSEMBLY/



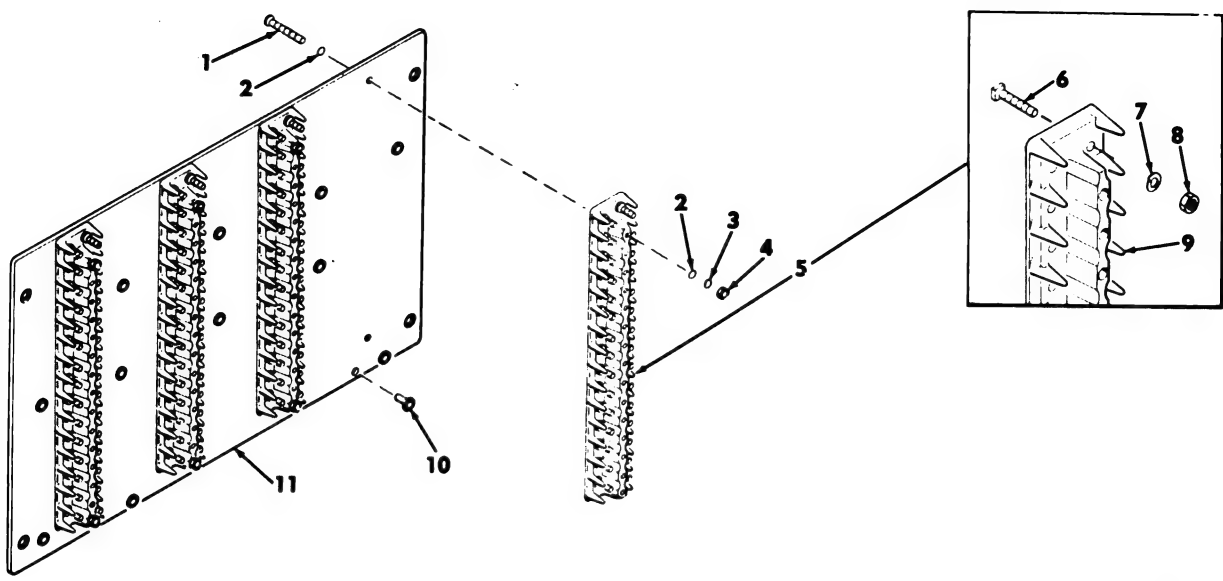
ORD G294754A

1 BRACKET 902829A.....1
2 CAP 852670A.....1
3 RIVET MS20470A1-1A.....1
4 PIN 40051A.....2
5 BATTERY 9030655.....2

6 SCREW MS35207-264.....5
7 STRAP 9031067.....1
8 SCREW 901865A.....1
9 PLUG 8522292.....1
10 PACKING 8034456.....1

* FURNISHED WITH ITEM 5

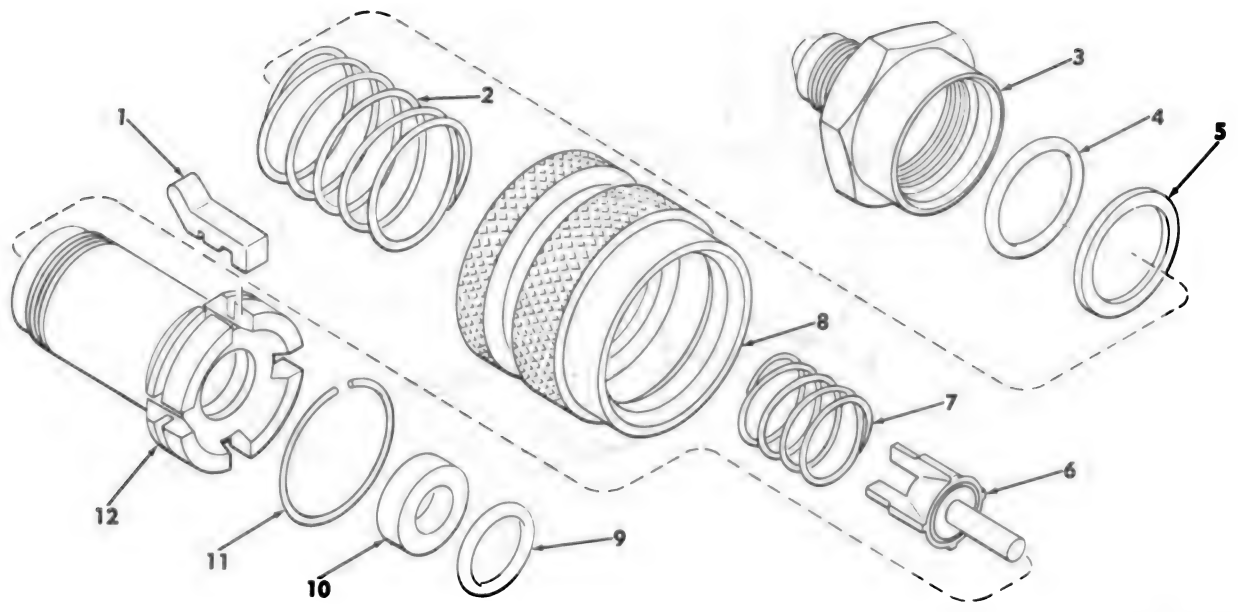
FIGURE 89. BATTERY ASSEMBLY /9031082/
/SEE FIGURE 77 FOR NEXT HIGHER ASSEMBLY/



ORD G294751

- | | | |
|---------------------------|--------------------------------|--------------------------------|
| 1 SCREW MS35206-235.....8 | 5 TERMINAL BOARD 9028078.....4 | 9 TERMINAL BOARD 9028079.....4 |
| 2 WASHER 53794.....16 | 6 TERMINAL AN3432-6-10.....30 | 10 NUT MS27130-18K.....14 |
| 3 WASHER MS35338-41.....8 | 7 WASHER MS35333-37.....30 | 11 PANEL 9028073.....1 |
| 4 NUT MS37307.....8 | 8 NUT MS37307.....30 | |

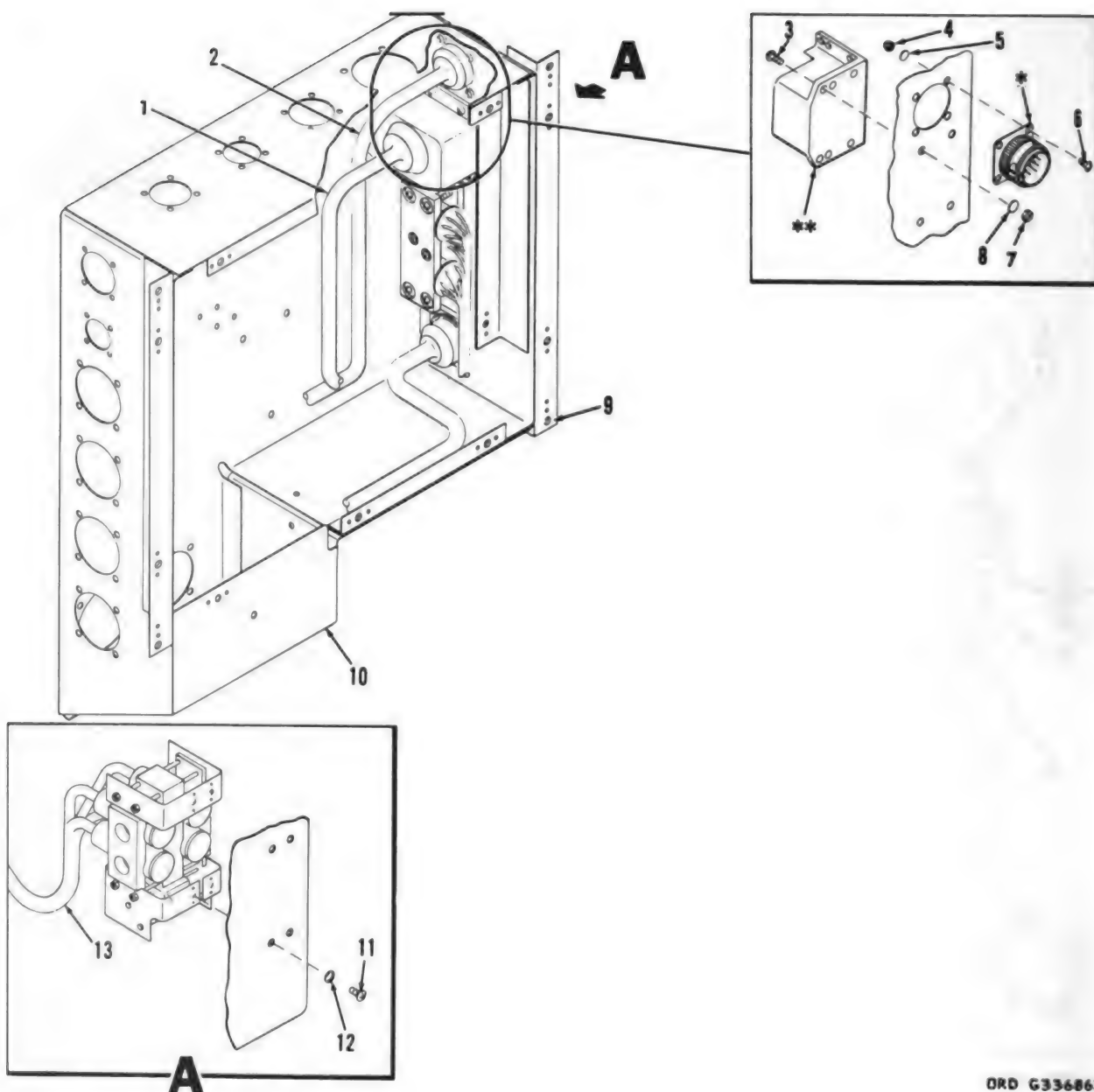
FIGURE 87. PANEL ASSEMBLY /9028082/
/SEE FIGURE 83 FOR NEXT HIGHER ASSEMBLY/



ORD G294795

- | | | |
|-------------------------|----------------------------|-----------------------------|
| 1 DOG WS4.....4 | 5 RETAINER 6000-4-39.....1 | 9 PACKING Y13-12.....1 |
| 2 SPRING 6000-4-4.....1 | 6 VALVE Y6000-4-810.....1 | 10 PACKING Y6000-4-12.....1 |
| 3 END 6000-04-15.....1 | 7 SPRING 6000-4-11.....1 | 11 RING 60000-4-6.....1 |
| 4 PACKING Y13-5.....1 | 8 SLEEVE 6000-4-3.....1 | 12 BODY 60000-4-1.....1 |

FIGURE 88. COUPLING HALF, QUICK DISCONNECT /8527017/
/SEE FIGURE 99 FOR NEXT HIGHER ASSEMBLY/



ORD G336863

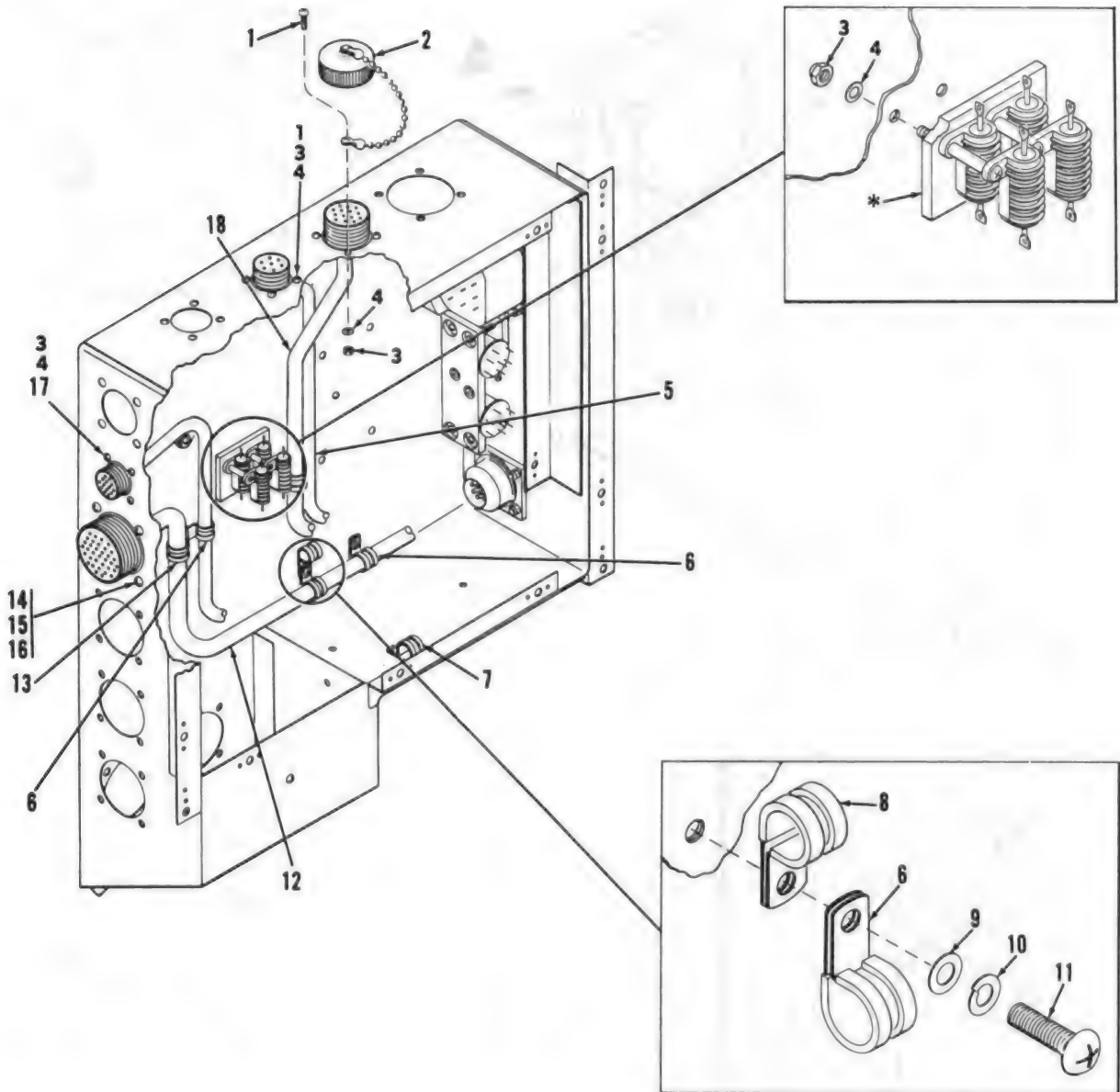
- 1 WIRING HARNESS 9024015.....1
SEE FIGURE 171, NUMBER 28
FOR DETAILS
- 2 WIRING HARNESS 9019685.....1
SEE FIGURE 171, NUMBER 14
FOR DETAILS
- 3 SCREW MS35206-228.....4
- 4 NUT MS21044N04.....4

- 5 WASHER MS271R3-4.....4
- 6 SCREW MS35206-216.....4
- 7 NUT MS21083N06.....4
- 8 WASHER AN960-6L.....4
- 9 NUT MS21061L3.....4
- 10 DISTRIBUTION BOX 9020505.....1
- 11 SCREW MS35206-228.....4
- 12 WASHER AN960-6L.....4

- 13 WIRING HARNESS 9019720.....1
SEE FIGURE 171, NUMBER 6
FOR DETAILS

* COMPONENT OF ITEM 2
** COMPONENT OF ITEM 1

FIGURE 86. DISTRIBUTION BOX /9019677/

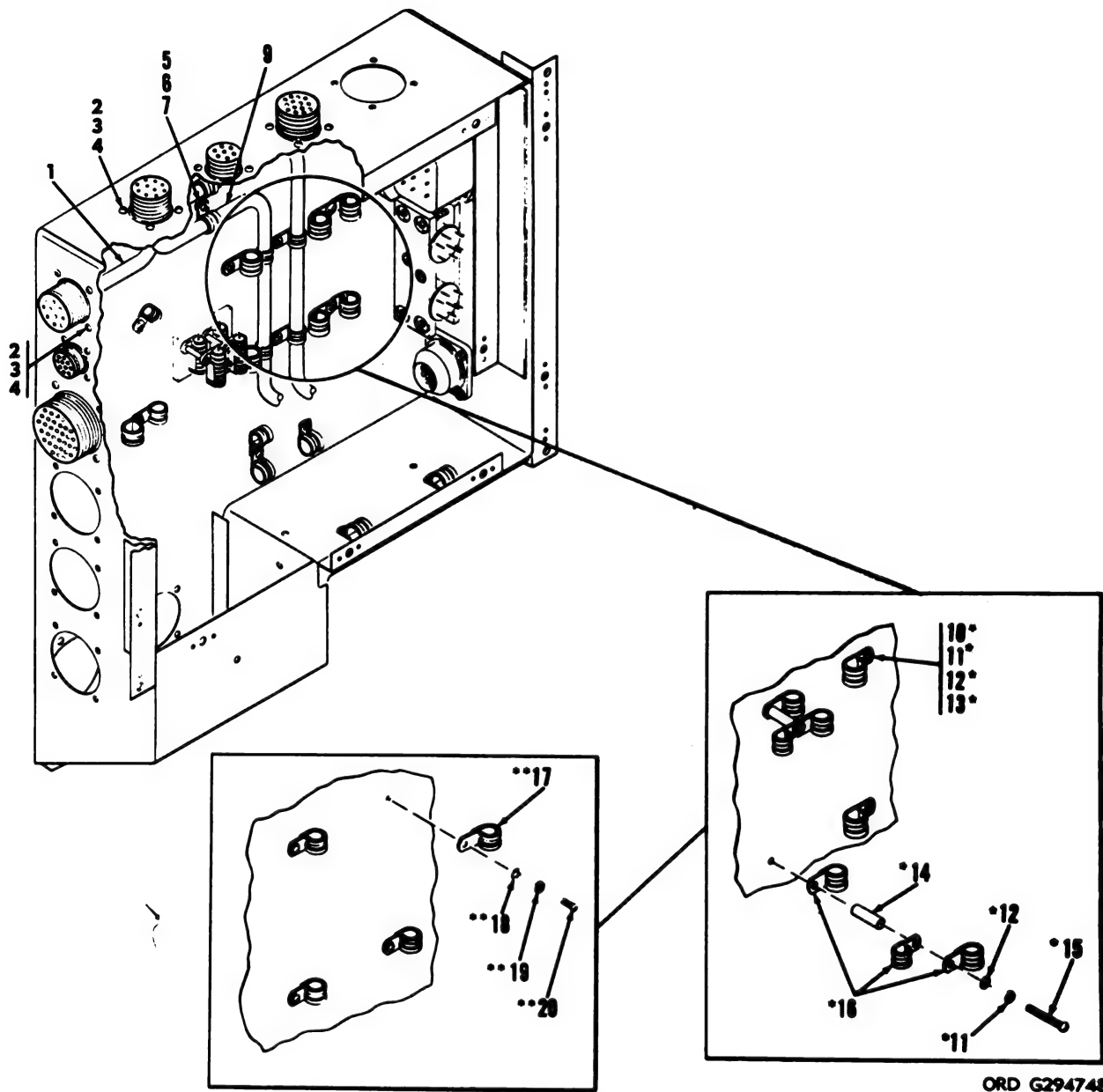


ORD G336862

| | | | | | |
|---|------------------------------|----|------------------------------|----|---------------------------|
| 1 | SCREW MS35206-216.....8 | 9 | WASHER AN960-10L.....8 | 17 | SCREW MS35206-215.....4 |
| 2 | COVER MS25043-20C.....1 | 10 | WASHER MS35338-43.....8 | 18 | RELAY ASSEMBLY AND WIRING |
| 3 | NUT MS21044N04.....16 | 11 | SCREW MS35207-265.....8 | | HARNESS 9C19804.....1 |
| 4 | WASHER MS27183-4.....16 | 12 | WIRING HARNESS 9028007.....1 | | SEE FIGURE 171, NUMBER 5 |
| 5 | WIRING HARNESS 9028021.....1 | | SEE FIGURE 171, NUMBER 16 | | FOR DETAILS |
| | FOR DETAILS | 13 | CLAMP MS21919WDG8.....1 | | |
| 6 | CLAMP MS21919WDG7.....4 | 14 | SCREW AN526-612R8.....4 | | |
| 7 | CLAMP MS21919WDG6.....1 | 15 | WASHER AN960-6L.....4 | | |
| 8 | CLAMP MS21919WDG4.....1 | 16 | NUT MS21044N06.....4 | | |

* COMPONENT OF ITEM 18

FIGURE 85. DISTRIBUTION BOX /9019677/



ORD G294748

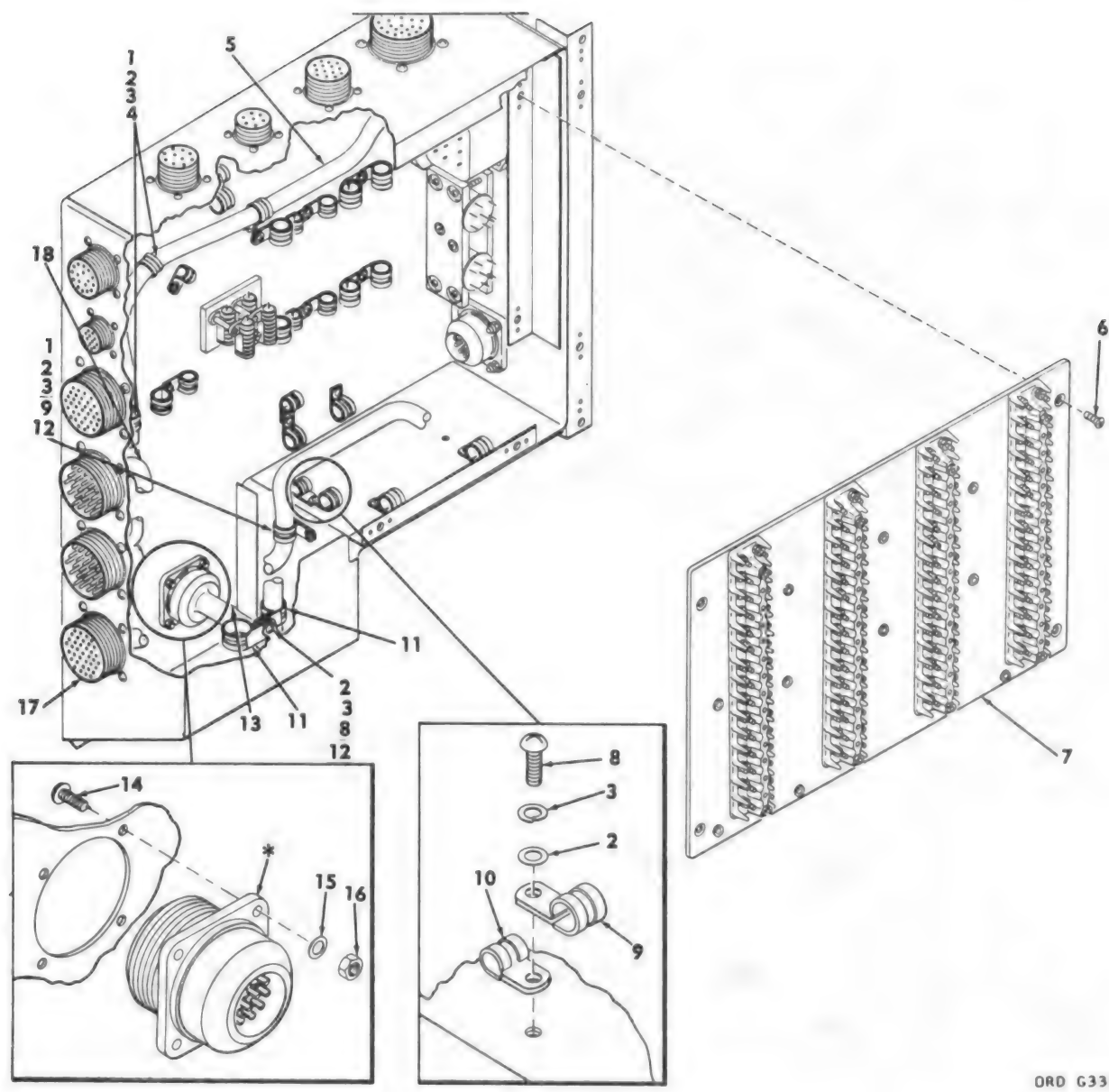
- 1 WIRING HARNESS 9028011.....1
SEE FIGURE 171, NUMBER 19
FOR DETAILS
- 2 SCREW MS35206-216.....8
3 WASHER MS27183-4.....8
4 NUT MS21044N04.....8
5 SCREW MS35207-265.....1
6 WASHER MS35338-43.....1
7 WASHER AN960-10L.....1
8 CLAMP MS21919WDG6.....2

- 9 WIRING HARNESS 9028410.....1
SEE FIGURE 171, NUMBER 21
FOR DETAILS
- 10 SCREW AN520-10R11.....2
11 WASHER MS35338-43.....4
12 WASHER AN960-10L.....4
13 CLAMP MS21919WDG7.....2
14 SPACER NAS43-3-48.....2
15 SCREW MS35207-269.....2
16 CLAMP MS21919WDG6.....6

- 17 CLAMP MS21919WDG9.....4
18 WASHER AN960-10L.....4
19 WASHER MS35338-43.....4
20 SCREW MS35207-265.....4

* FOR DISTRIBUTION BOX 9019677
WITH SERIAL NO. 14965-19202
** FOR DISTRIBUTION BOX 9019677
WITH SERIAL NO. 19203 AND UP

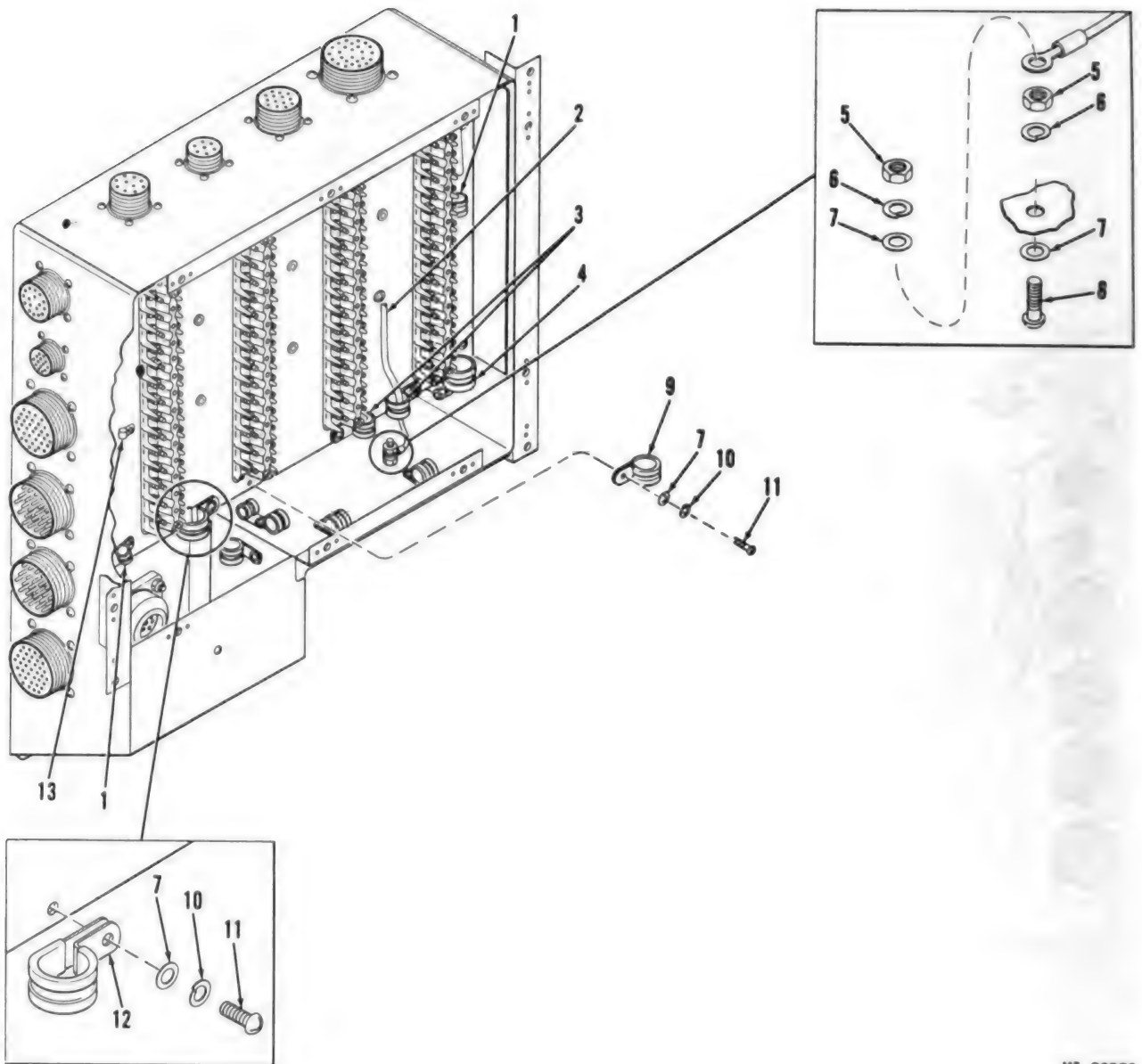
FIGURE 84. DISTRIBUTION BOX /9019677/



ORD G336861

- | | | |
|--------------------------------|---------------------------------|---------------------------------|
| 1 SCREW AN520-10R11.....4 | 8 SCREW MS35207-265.....2 | 16 NUT MS21044N06.....24 |
| 2 WASHER AN960-10L.....6 | 9 CLAMP MS21919WDG7.....2 | 17 WIRING HARNESS 9028009.....1 |
| 3 WASHER MS35338-43.....6 | 10 CLAMP MS21919WDG6.....1 | SEE FIGURE 171, NUMBER 17 |
| 4 CLAMP MS21919WDG8.....3 | 11 CLAMP MS21919WDG10.....2 | FOR DETAILS |
| 5 WIRING HARNESS 9028010.....1 | 12 NUT MS21044N3.....2 | 18 WIRING HARNESS 9019686.....1 |
| SEE FIGURE 171, NUMBER 18 | 13 WIRING HARNESS 9019684.....1 | SEE FIGURE 171, NUMBER 15 |
| FOR DETAILS | SEE FIGURE 171, NUMBER 13 | FOR DETAILS |
| 6 SCREW MS24693S271.....4 | 14 SCREW AN526-632R8.....24 | |
| 7 PANEL ASSEMBLY 9028082.....1 | 15 WASHER AN960-6L.....24 | |
| SEE FIGURE A7 FOR DETAILS | | |
- * COMPONENT OF ITEM 13

FIGURE 83. DISTRIBUTION BOX /9019677/



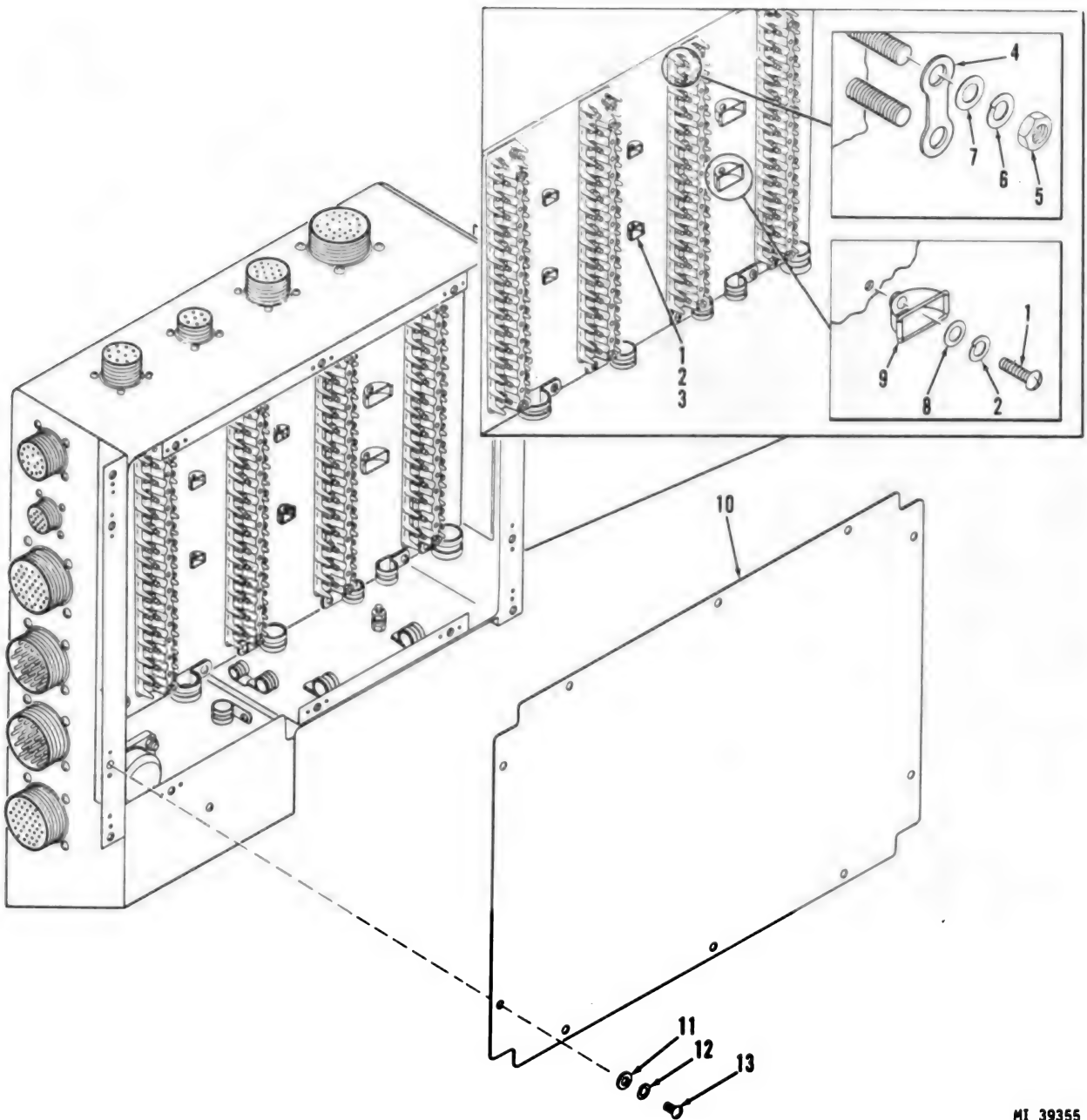
MI 39366

1 CLAMP MS21919WDG6.....2
 2 WIRING HARNESS 9028129.....1
 SEE FIGURE 171, NUMBER 29
 FOR DETAILS
 3 CLAMP MS21919WDG12.....2

4 CLAMP MS21919WDG9.....1
 5 NUT MS35649-282.....2
 6 WASHER MS35330-42.....2
 7 WASHER AN960-8L.....10
 8 SCREW MS35206-246.....1

9 CLAMP MS21919WDG10.....1
 10 WASHER MS35330-42.....8
 11 SCREW MS35206-246.....8
 12 CLAMP MS21919WDG11.....1
 13 CLAMP WAS1397P20.....1

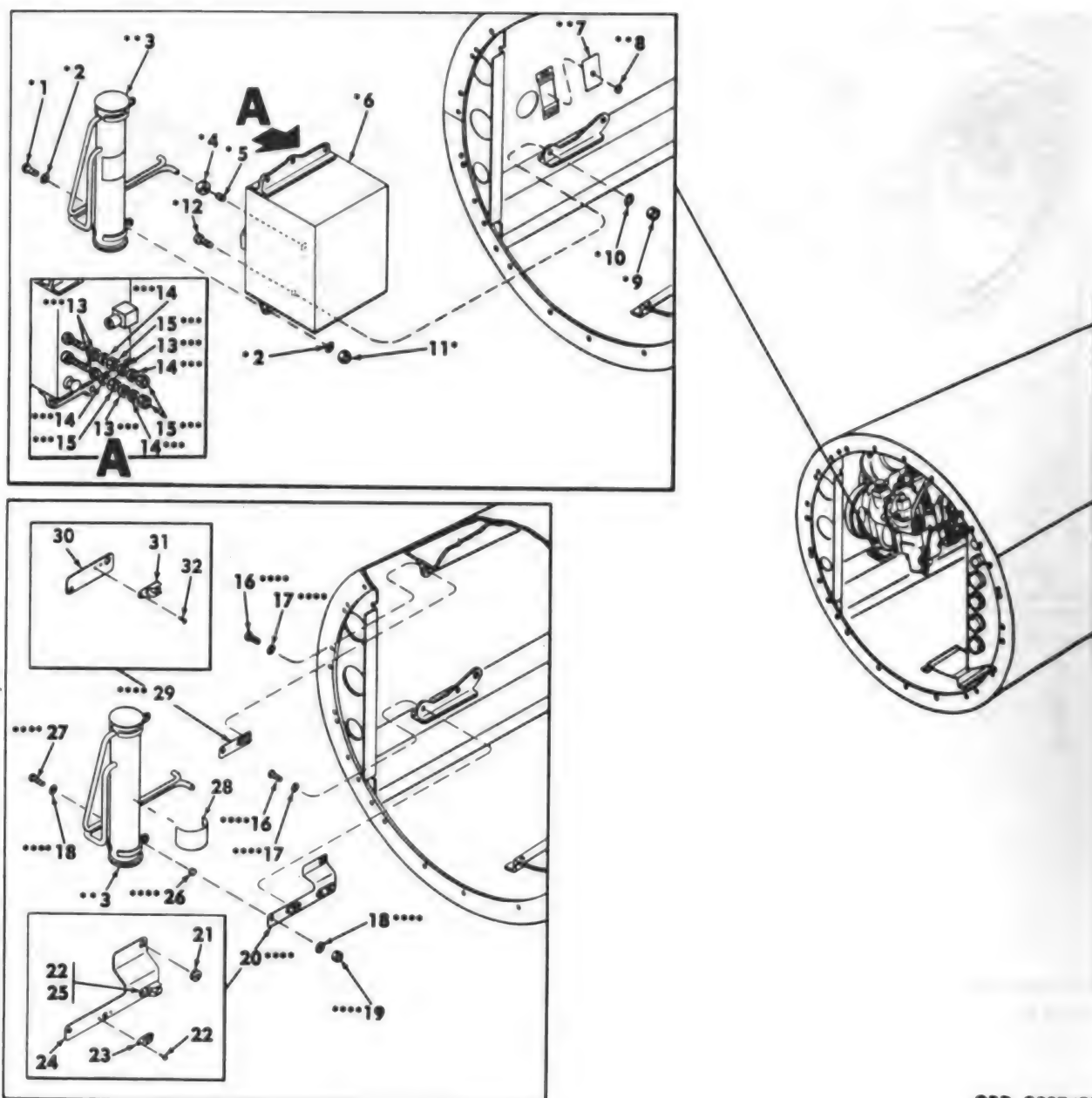
FIGURE 82. DISTRIBUTION BOX /9019677/



MI 39355

| | | | | | | | | | |
|---|--------|------------------|----|--------|-----------------|----|--------|------------------|----|
| 1 | SCREW | MS35206-246..... | 6 | WASHER | MS35338-41..... | 11 | WASHER | AN960-10L..... | 10 |
| 2 | WASHER | MS35338-42..... | 7 | WASHER | 53794..... | 12 | WASHER | MS35338-43..... | 10 |
| 3 | CRADLE | 9156891-1..... | 8 | WASHER | AN960-8L..... | 13 | SCREW | MS35207-262..... | 10 |
| 4 | LINK | 8163860..... | 9 | CRADLE | 9156891-2..... | | | | |
| 5 | NUT | 8537307..... | 10 | COVER | 9019871..... | | | | |

FIGURE 81. DISTRIBUTION BOX /9019677/
/SEE FIGURE 76 FOR NEXT HIGHER ASSEMBLY/



ORD G337435

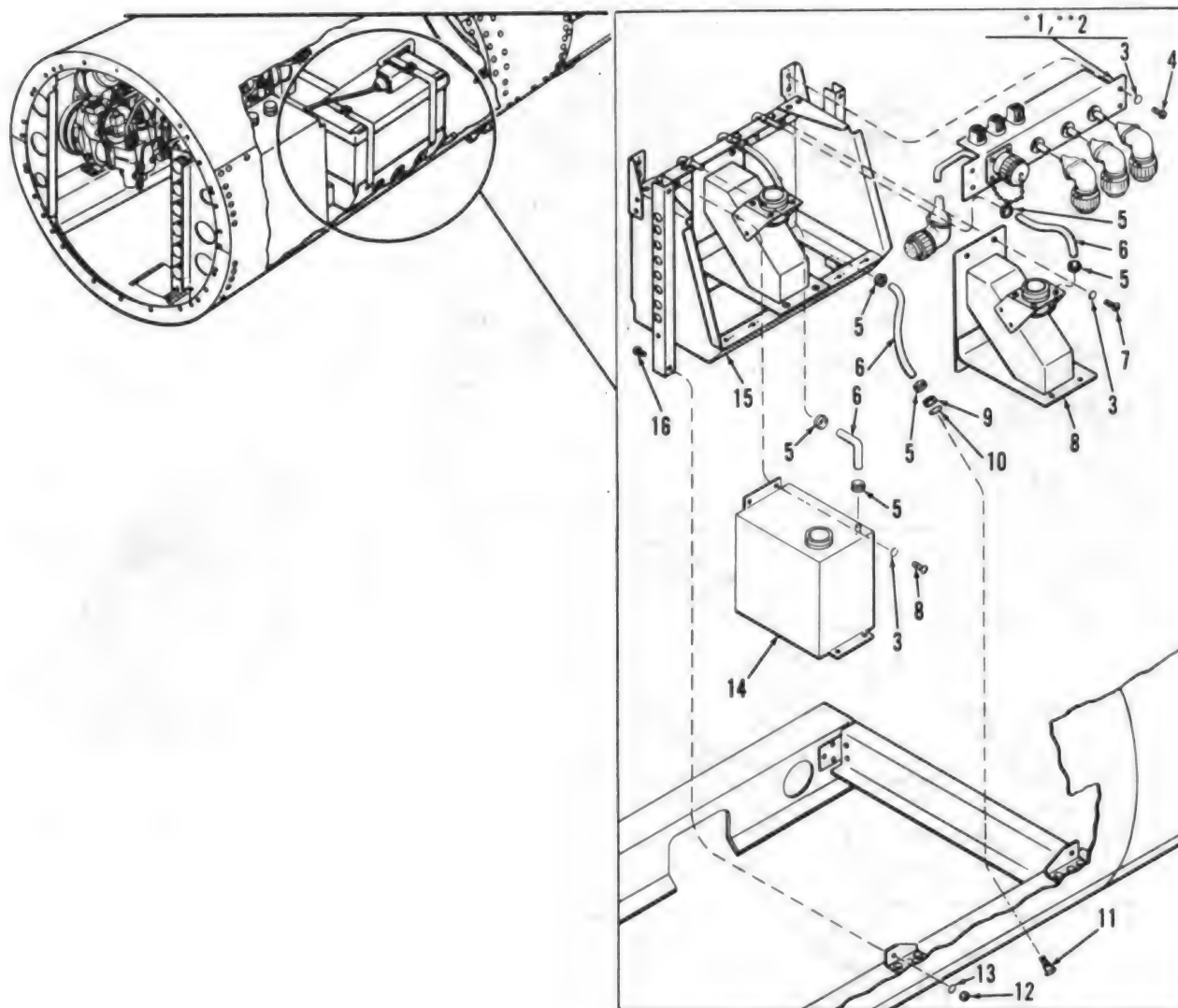
1 SCREW MS35207-264.....2
2 WASHER AN960-10L.....4
3 VENTILATOR ASSEMBLY
9020508.....1
4 NUT MS39176-3.....1
5 SLEEVE 9018468.....1
6 BATTERY 8A485U.....1
7 COVER 9020649.....1
8 GROMMET 9020723.....1
9 NUT MS21044N4.....4
10 WASHER AN960-416.....4
11 NUT MS21083N3.....2
12 BOLT AN4CH10.....4
13 WASHER MS45901-6.....4
14 WASHER MS35338-102.....4

15 NUT MS20341-516A.....4
16 SCREW MS35207-282.....3
17 WASHER AN960-416.....3
18 WASHER AN960-10L.....8
19 NUT MS21083N3.....2
20 SUPPORT 9020955.....1
21 GROMMET MS35489-6.....1
22 RIVET MS20426AD3-5.....4
23 NUT MS21059L4.....1
24 SUPPORT 9020955-3.....1
25 NUT MS21061L4.....1
26 SPACER NAS43003-6.....2
27 SCREW MS35207-264.....2
28 PLATE 9020956.....1
29 SUPPORT 9020954.....1

30 SUPPORT 9020954-3.....1
31 NUT MS21061L4.....1
32 RIVET MS20426AD3-5.....2

* FOR EQUIPMENT INSTALLATION
9019935 WITH SERIAL NO.
14965-15975
** COMPONENT OF EQUIPMENT
INSTALLATION 9019935
*** COMPONENT OF ITEM 6
**** FOR EQUIPMENT INSTALLATION
9019935 WITH SERIAL NO.
15976 AND UP

FIGURE 80. EQUIPMENT INSTALLATION, AFT BODY SECTION /9019935/



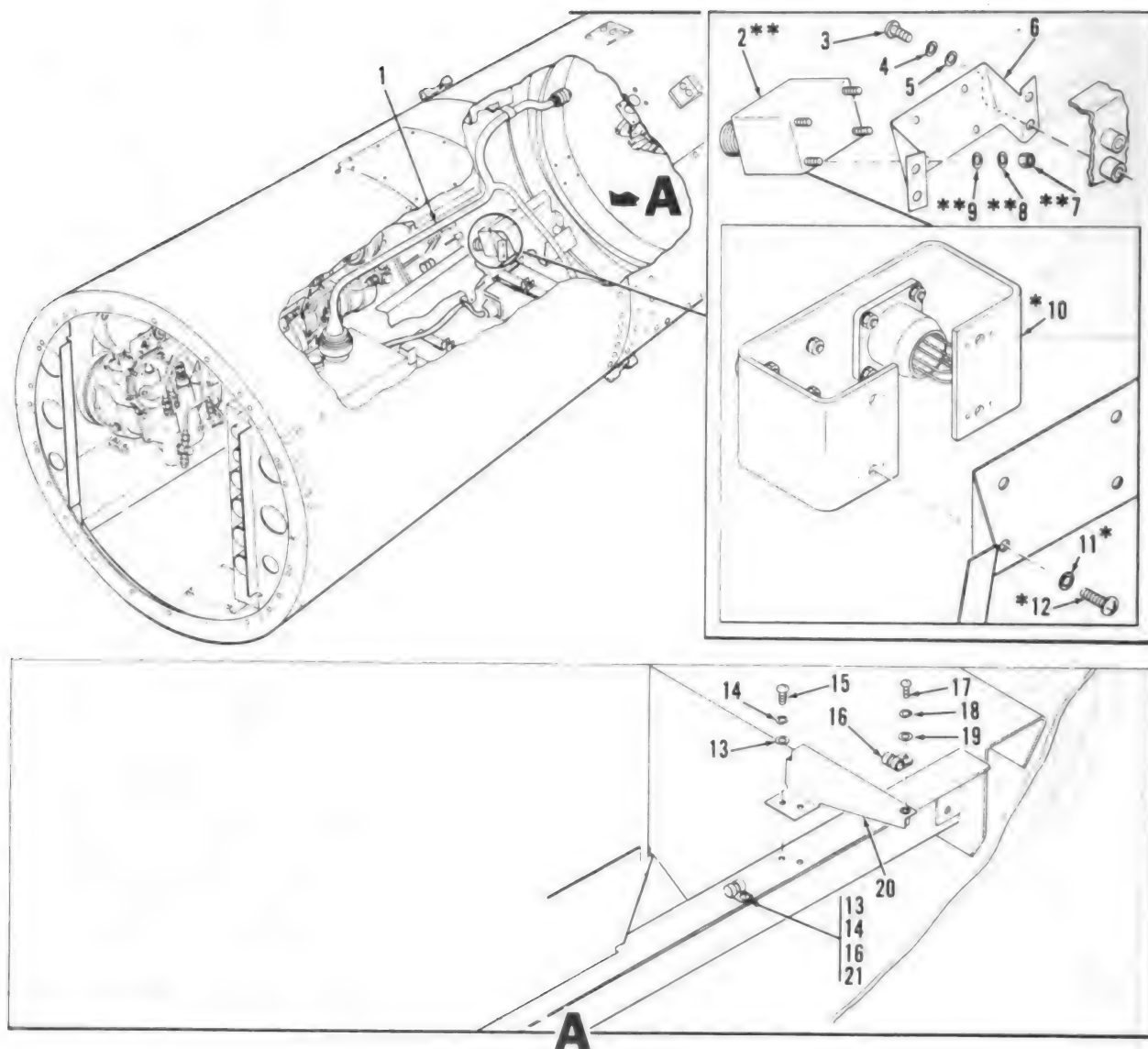
ORD G294742

1 PANEL 9019678.....1
SEE FIGURE 91 FOR DETAILS
2 PANEL 9978069.....1
SEE FIGURE 91 FOR DETAILS
3 WASHER AN960-10L.....16
4 SCREW MS35207-262.....4
5 CLAMP NAS397-8.....8
6 TUBING 8521830.....4
7 SCREW MS35276-264.....12
8 DUMMY 9019687.....2
SEE FIGURE 92 FOR DETAILS

9 NUT MS51968-5.....1
10 WASHER AN960-PD716.....1
11 BOLT 8002211.....1
12 NUT MS21083M3.....4
13 WASHER AN960-10.....4
14 BATTERY GAP4005G.....1
15 RACK 9019675.....1
SEE FIGURE 93 FOR DETAILS
16 BOLT AN3-5A.....4

* FOR EQUIPMENT INSTALLATION
9019935 WITH SERIAL NO.
14965-16684
** FOR EQUIPMENT INSTALLATION
9019935 WITH SERIAL NO.
16685 AND UP

FIGURE 79. EQUIPMENT INSTALLATION, AFT BODY SECTION /9019935/



MI 39354

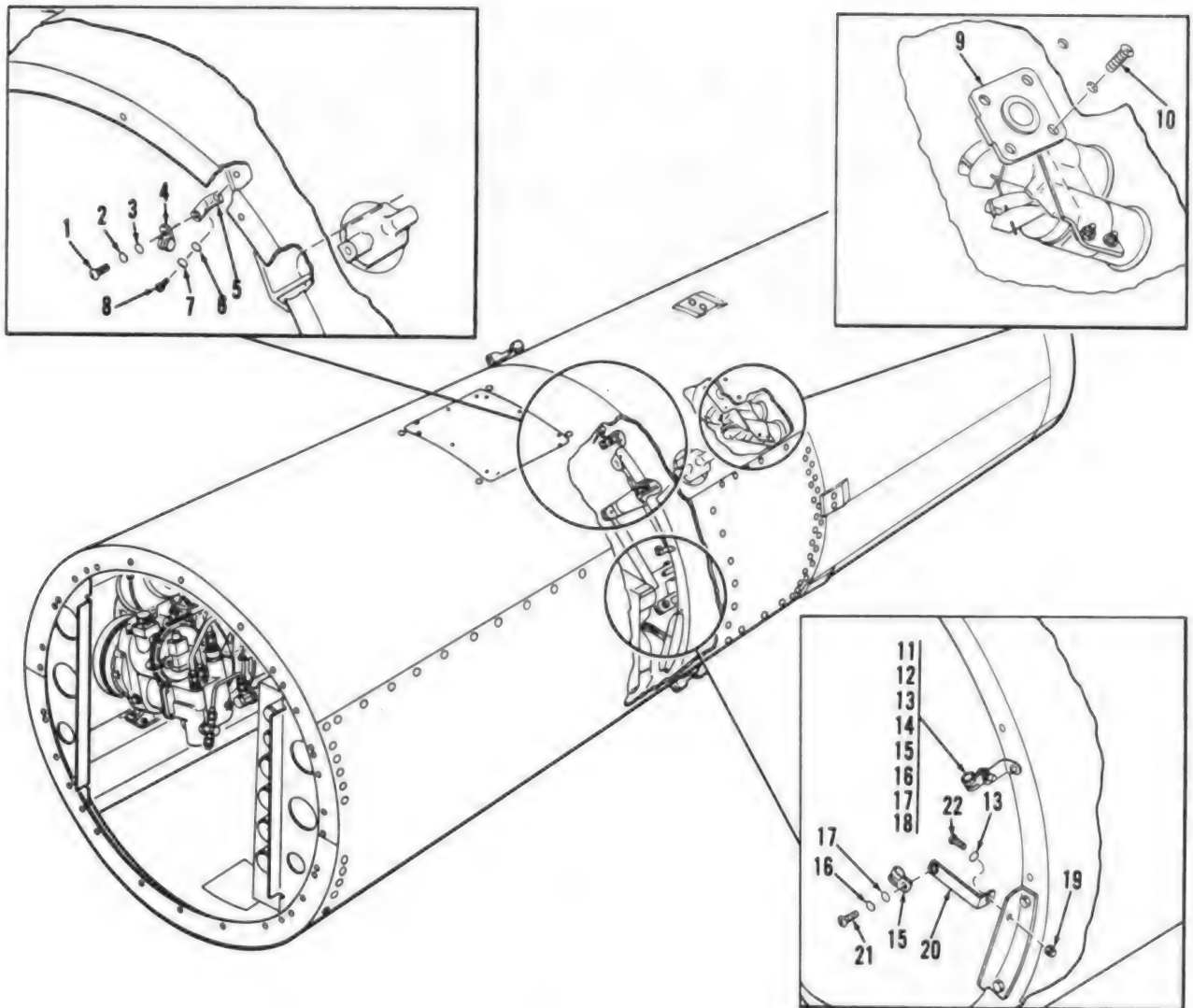
1 CABLE ASSEMBLY 9028001.....1
SEE FIGURE 171, NUMBER 11
FOR DETAILS
2 RELAY 9032324.....1
3 SCREW MS35207-264.....1
4 WASHER MS35338-43.....1
5 WASHER AN960-10L.....1
6 RETAINER 9032331.....1
7 NUT MS21044N08.....4
8 WASHER MS35338-42.....4
9 WASHER AN960-RL.....4

10 CONNECTOR ASSEMBLY
9978535.....1
SEE FIGURE 90 FOR DETAILS
11 WASHER AN960-8L.....4
12 SCREW MS51957-45.....4
13 WASHER MS35338-43.....3
14 WASHER AN960-10L.....3
15 SCREW MS35207-263.....2
16 CLAMP MS21919WDG8.....2
17 SCREW MS35206-246.....1
18 WASHER MS35338-42.....1

19 WASHER AN960-8L.....1
20 BRACKET 9028124.....1
21 SCREW MS35207-262.....1

* FOR EQUIPMENT INSTALLATION
9019935 WITH SERIAL NO.
17027 AND UP
** FOR EQUIPMENT INSTALLATION
9019935 WITH SERIAL NO.
14965-17026

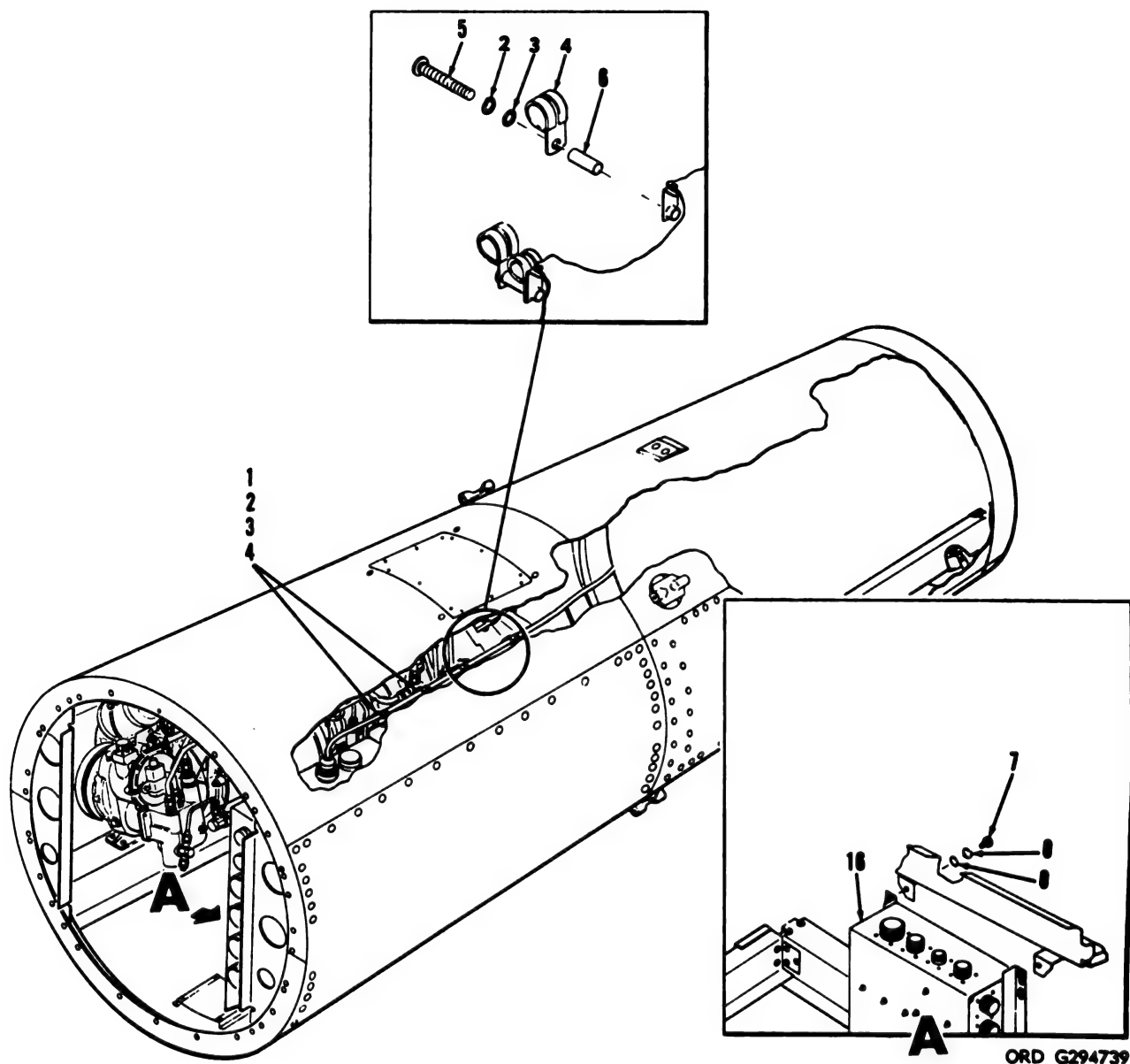
FIGURE 78. EQUIPMENT INSTALLATION, AFT BODY SECTION /9019935/



ORD G336857

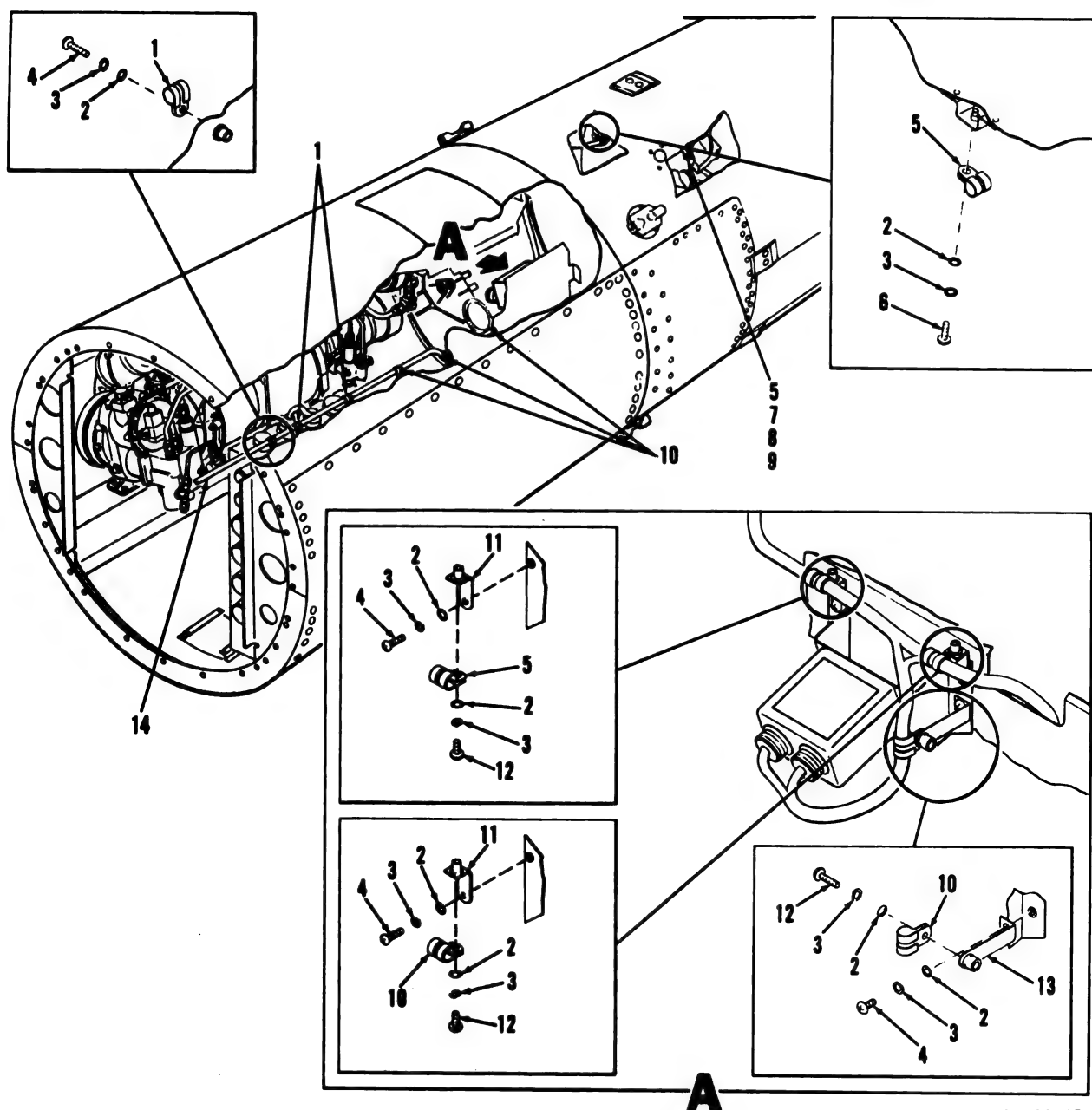
| | | | | | |
|---|-------------------------|----|-------------------------------|----|-------------------------|
| 1 | SCREW MS35207-264.....1 | 9 | BATTERY ASSEMBLY 9031082....1 | 16 | WASHER MS35338-43.....2 |
| 2 | WASHER MS35338-43.....1 | | SEE FIGURE 89 FOR DETAILS | 17 | WASHER AN960-10L.....2 |
| 3 | WASHER AN960-10L.....1 | 10 | SCREW MS24694551.....4 | 18 | SCREW MS35207-264.....1 |
| 4 | CLAMP MS21919WDG6.....1 | 11 | BRACKET 9029059.....1 | 19 | NUT MS21083M04.....1 |
| 5 | BRACKET 9028059.....1 | 12 | SCREW MS35206-244.....1 | 20 | BRACKET 9028312.....1 |
| 6 | WASHER AN960-8L.....1 | 13 | WASHER AN960-8L.....2 | 21 | SCREW MS35207-264.....1 |
| 7 | WASHER MS35338-42.....1 | 14 | WASHER MS35338-42.....1 | 22 | SCREW MS35206-245.....1 |
| 8 | SCREW MS35206-244.....1 | 15 | CLAMP MS21919WDG8.....2 | | |

FIGURE 77. EQUIPMENT INSTALLATION, AFT BODY SECTION /9019935/



| | | | | | |
|---|--------------------------|---|---------------------------|----|--------------------------------|
| 1 | SCREW MS35207-265.....2 | 5 | SCREW MS35207-265.....2 | 9 | WASHER AN960-10L.....4 |
| 2 | WASHER MS35338-43.....4 | 6 | BUSHING NAS43003-44.....2 | 10 | DISTRIBUTION BOX 9019677.....1 |
| 3 | WASHER AN960-10L.....4 | 7 | BOLT AN3-4A.....4 | | SEE FIGURE 81 FOR DETAILS |
| 4 | CLAMP MS21919WDG10.....4 | 8 | WASHER MS35338-43.....4 | | |

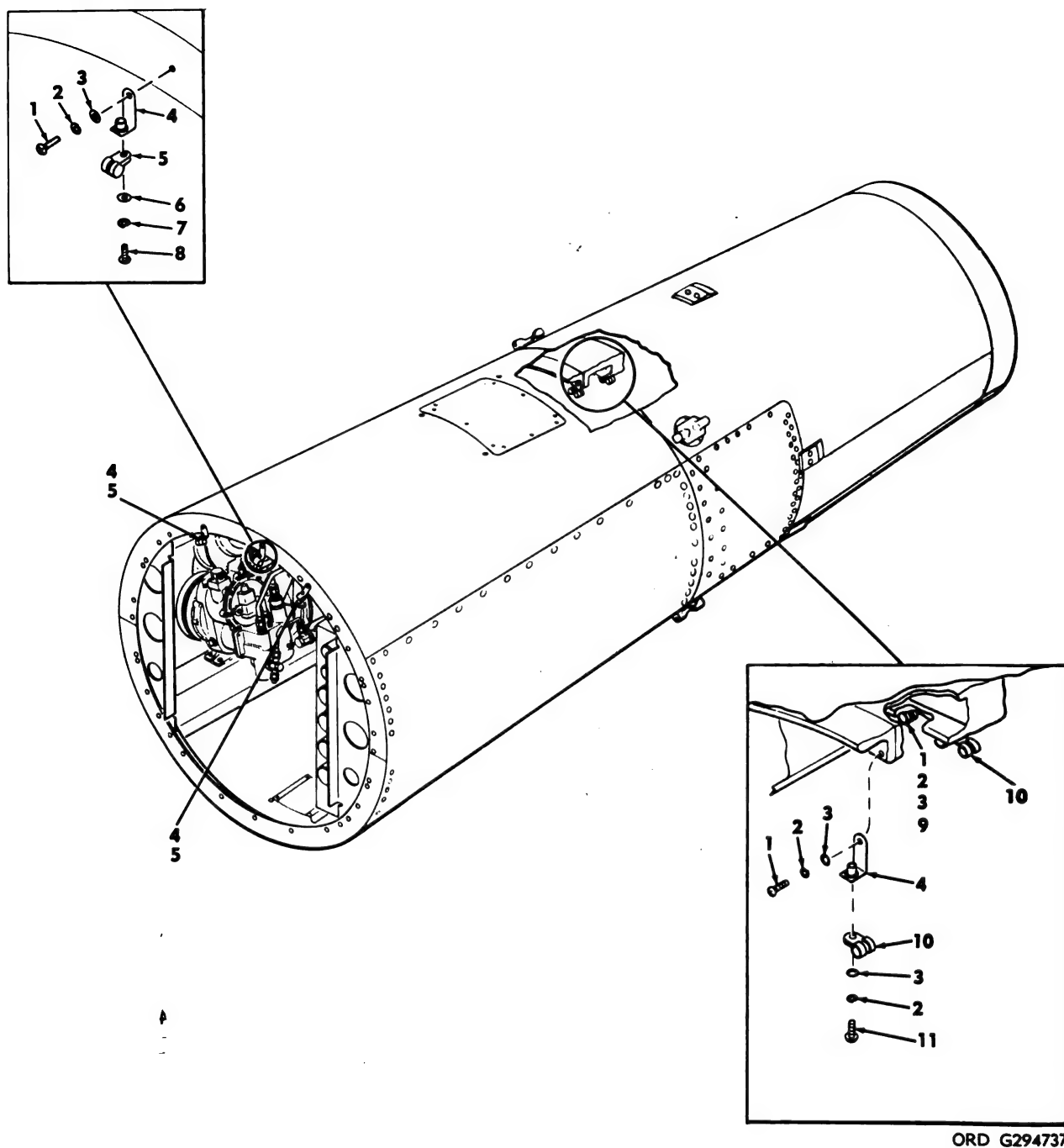
FIGURE 76. EQUIPMENT INSTALLATION, AFT BODY SECTION /9019935/



ORD G336856

| | | |
|----------------------------|----------------------------|---------------------------------|
| 1 CLAMP MS21919WDG5.....3 | 7 SCREW MS35206-244.....1 | 13 BRACKET 9028081.....1 |
| 2 WASHER AN960-10L.....13 | 8 WASHER MS35338-42.....1 | 14 CABLE ASSEMBLY 9028003.....1 |
| 3 WASHER MS35338-43.....13 | 9 WASHER AN960-8L.....1 | SEE FIGURE 171, NUMBER 9 |
| 4 SCREW MS35207-264.....9 | 10 CLAMP MS21919WDG7.....5 | FOR DETAILS |
| 5 CLAMP MS21919WDG4.....3 | 11 BRACKET 9028087.....2 | |
| 6 SCREW MS35207-264.....1 | 12 SCREW MS35207-262.....3 | |

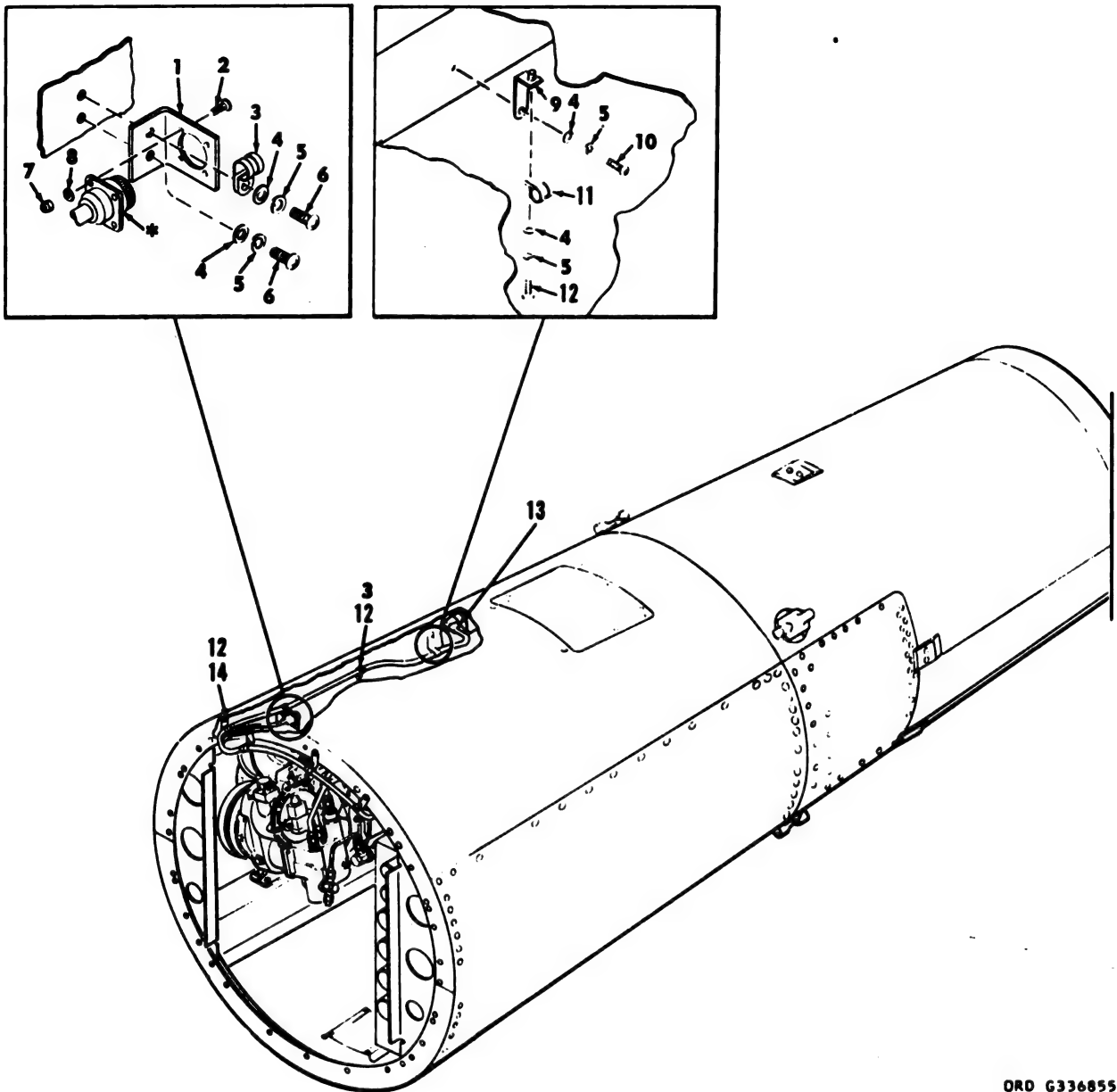
FIGURE 75. EQUIPMENT INSTALLATION, AFT BODY SECTION /9019935/



ORD G294737

| | | | | | | | | |
|---|---------|-------------------|---|--------|-------------------|----|-------|-------------------|
| 1 | SCREW | MS35206-244.....5 | 5 | CLAMP | MS21919WDG7.....3 | 9 | CLAMP | MS21919WDG6.....1 |
| 2 | WASHER | MS35338-42.....7 | 6 | WASHER | AN960-10L.....3 | 10 | CLAMP | MS21919WDG4.....2 |
| 3 | WASHER | AN960-8L.....7 | 7 | WASHER | MS35338-43.....3 | 11 | SCREW | MS35206-249.....2 |
| 4 | BRACKET | 9028059.....4 | 8 | SCREW | MS35207-264.....3 | | | |

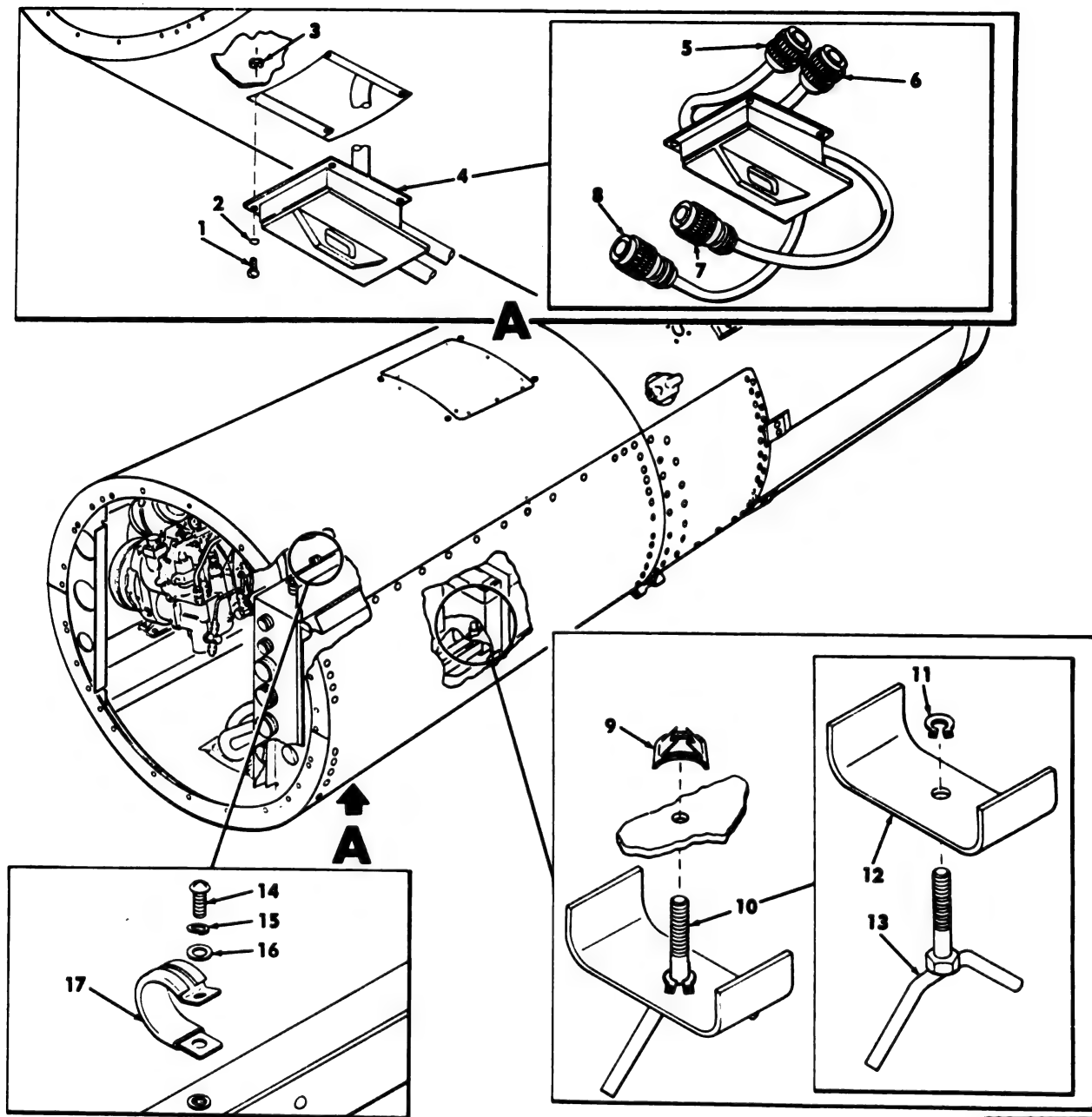
FIGURE 74. EQUIPMENT INSTALLATION, AFT BODY SECTION /9019935/



ORD G336855

| | | |
|---------------------------|---------------------------------|----------------------------|
| 1 BRACKET 9028407.....1 | 9 BRACKET 9028087.....1 | 14 CLAMP MS21919WDG7.....1 |
| 2 SCREW MS35206-214.....4 | 10 SCRFW MS35207-263.....1 | |
| 3 CLAMP MS21919WDG6.....2 | 11 CLAMP MS21919WDG10.....1 | |
| 4 WASHER AN960-10L.....6 | 12 SCREW MS35207-262.....3 | * COMPONENT OF ITEM 13 |
| 5 WASHER MS35338-43.....6 | 13 WIRING HARNESS 9028408.....1 | |
| 6 SCREW MS35207-266.....2 | SEE FIGURE 171, NUMBER 23 | |
| 7 NUT MS21044N04.....4 | FOR DETAILS | |
| 8 WASHER MS27183-4.....4 | | |

FIGURE 73. EQUIPMENT INSTALLATION, AFT BODY SECTION /9019935/



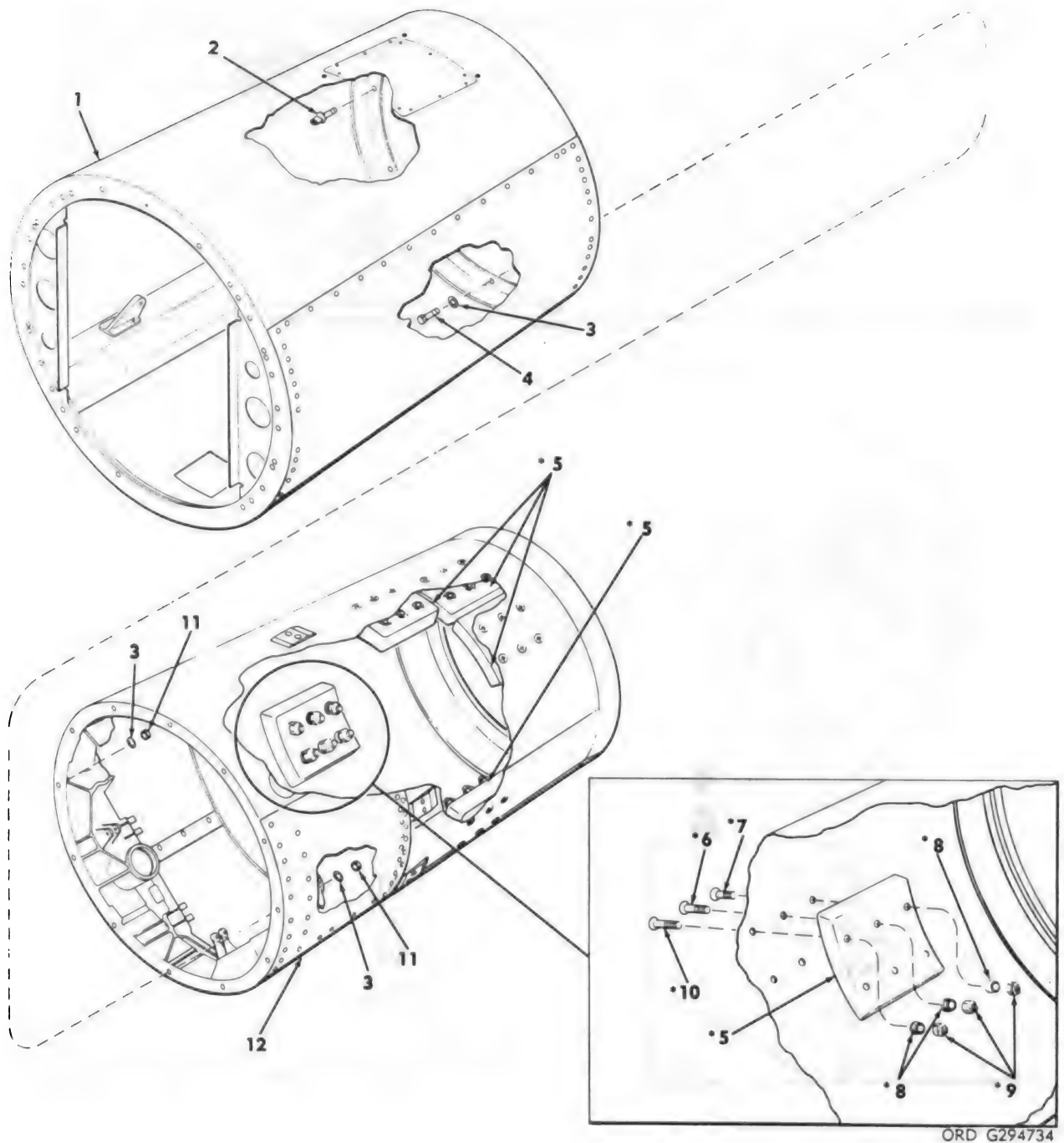
ORD 6336854

1 SCREW AN502-10-12.....4
2 WASHER MS35338-43.....4
3 NUT MS27130-21K.....4
4 CABLE ASSMRLY 8524664.....1
5 CONNECTOR 9018810.....1
6 CONNECTOR 9018792.....1

7 CONNECTOR 9018811.....1
8 CONNECTOR 9018793.....1
9 NUT 8527202.....1
10 CLAMP 8522071.....1
11 RING 9020593.....1
12 STRAP 8522069.....1

13 THUMBSCREW 8522070.....1
14 SCREW MS35207-264.....1
15 WASHER MS35338-43.....1
16 WASHER AN960-10L.....1
17 CLAMP MS21919WDG7.....1

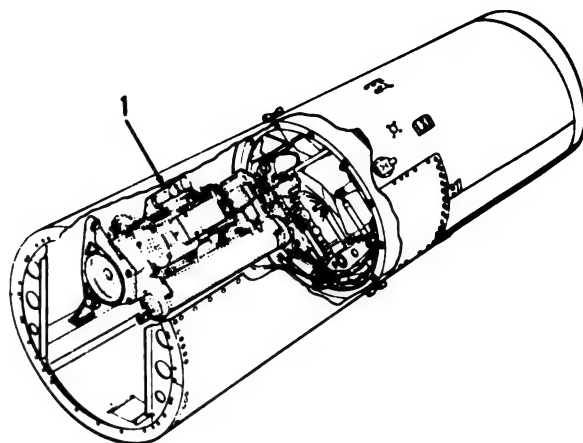
FIGURE 72. EQUIPMENT INSTALLATION, AFT BODY SECTION /9019935/
/SEE FIGURE 68 FOR NEXT HIGHER ASSEMBLY/



| | | |
|--|-----------------------------|--|
| 1 BODY SECTION 9019698.....1 SEE FIGURE 122 FOR DETAILS | 6 SCREW AN509-416R38.....10 | 12 STRUCTURE ASSEMBLY MS22196.....1 SEE FIGURE 124 FOR DETAILS |
| 2 BOLT AN46-14.....1 | 7 SCREW MS24694S122.....10 | |
| 3 WASHER AN960-616L.....23 | 8 WASHER 9018239.....30 | |
| 4 BOLT AN6-13A.....11 | 9 NUT 9026523.....30 | |
| 5 WEIGHT 9028080.....5 | 10 SCREW MS24694S131.....10 | |
| | 11 NUT MS21042L6.....12 | |

* FOR SERIAL NO. 15406 AND UP

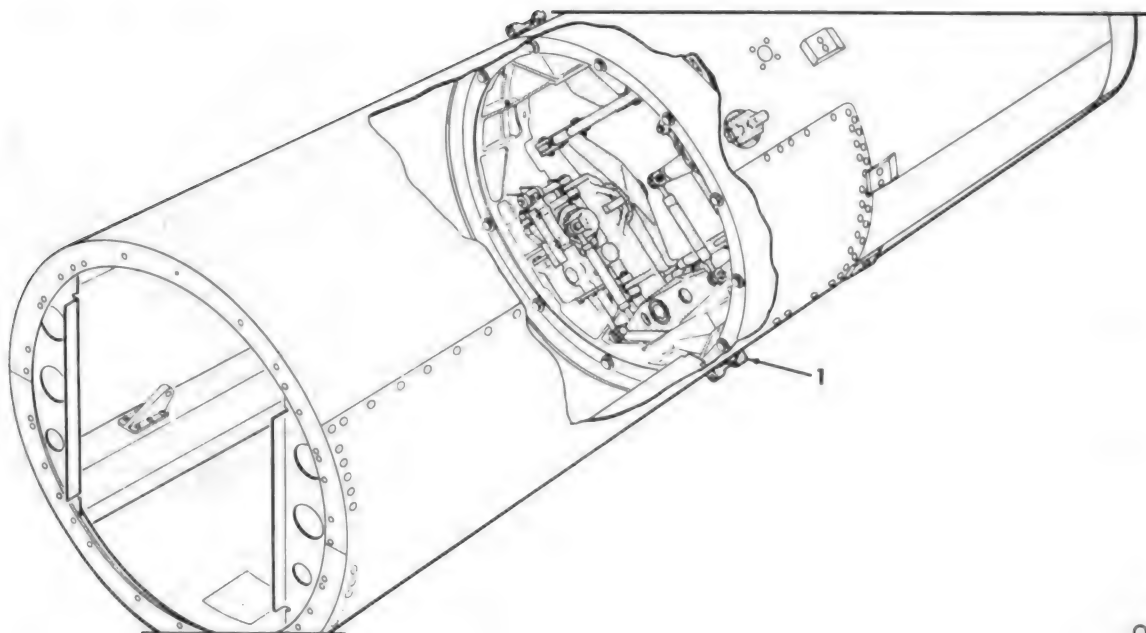
FIGURE 71. BODY SECTION, GUIDED MISSILE /8521098/



ORD G294732

1 SYSTEM INSTALLATION
9020507.....1
SEE FIGURE 94 FOR DETAILS

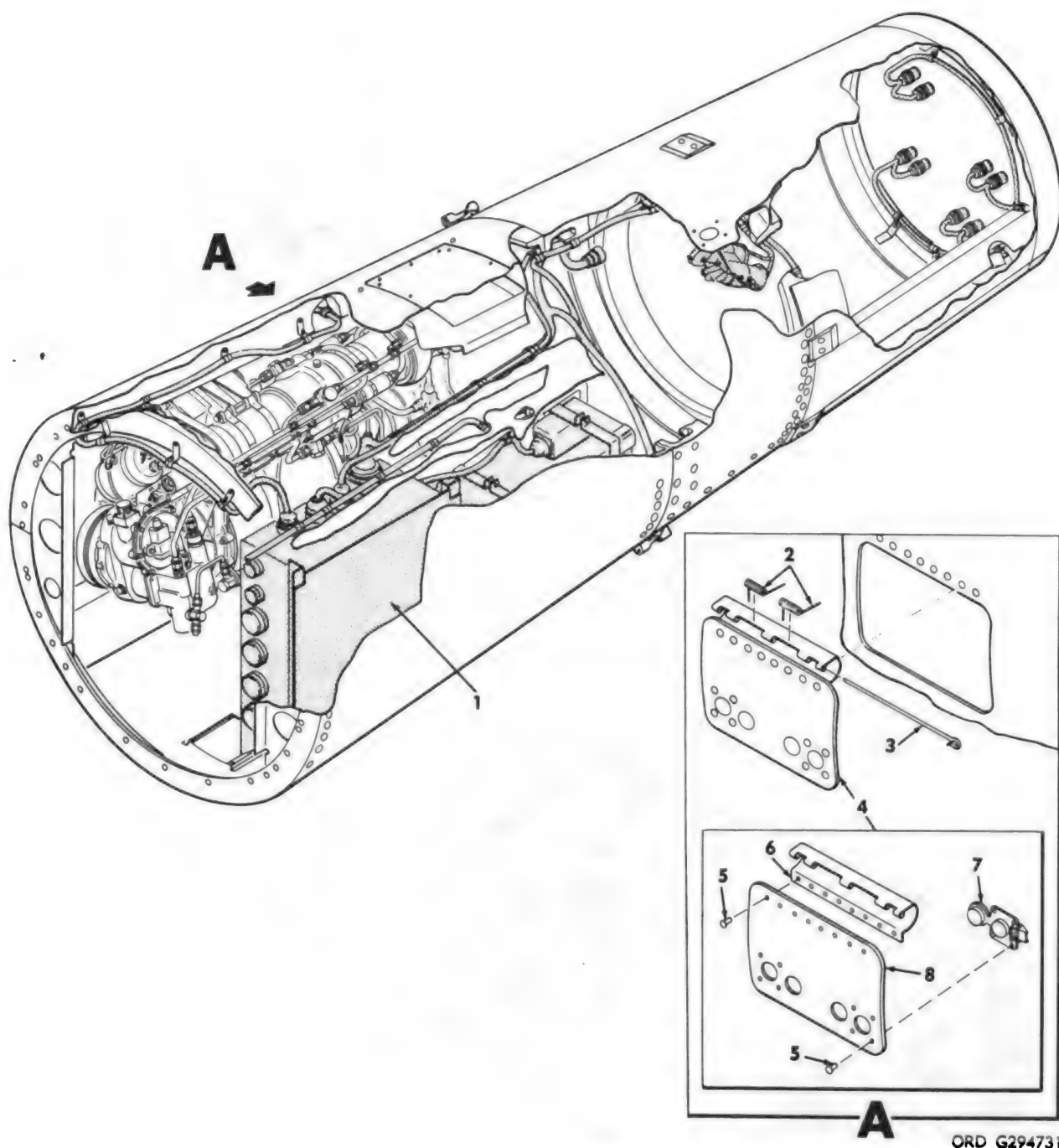
FIGURE 69. BODY SECTION, GUIDED MISSILE /8521098/



ORD G294733

1 MECHANISM INSTALLATION
8524285.....1
SEE FIGURE 113 FOR DETAILS

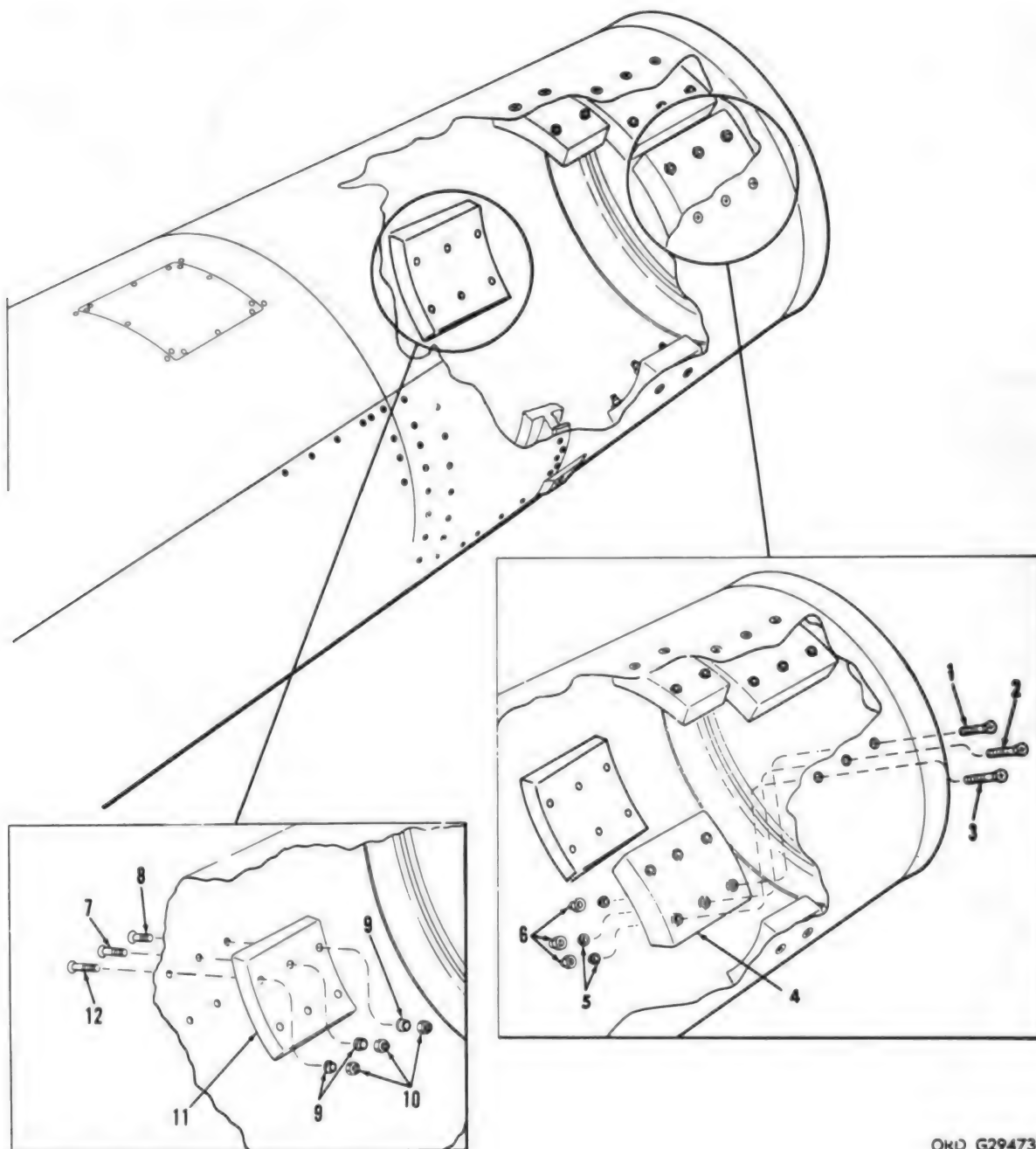
FIGURE 70. BODY SECTION, GUIDED MISSILE /8521098/



ORD G294731

- 1 EQUIPMENT INSTALLATION
9019935.....1
SEE FIGURE 72 FOR DETAILS
2 HINGE 9028419.....2
3 PIN 9028113.....1
4 COVER 9028077.....1
5 RIVET MS20426AD4-6.....16
6 HINGE HALF 9028062.....1
7 CATCH 8528772.....2
8 DOOR 9028061.....1

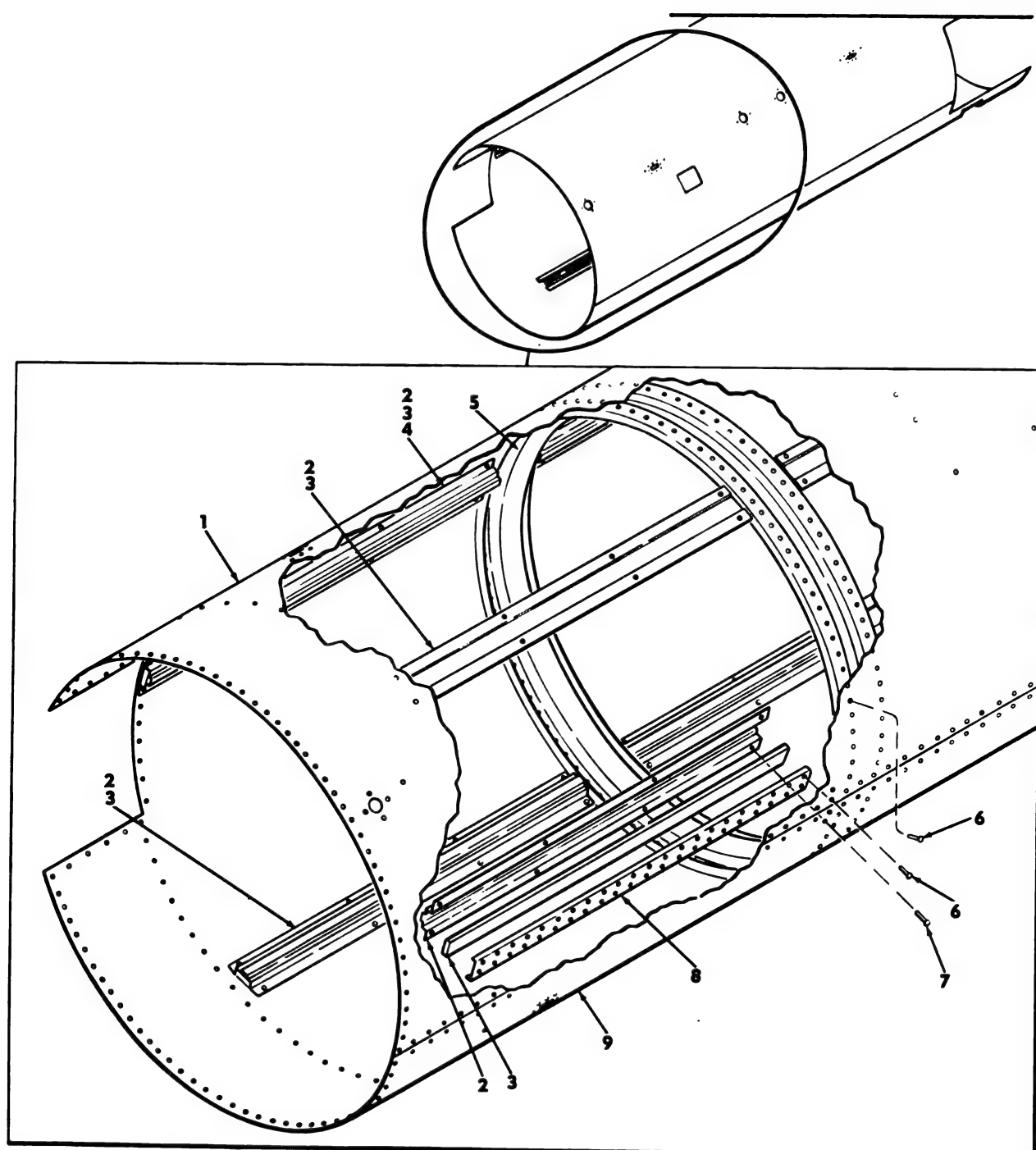
FIGURE 68. BODY SECTION, GUIDED MISSILE /8521098/
/SEE FIGURE 49 FOR NEXT HIGHER ASSEMBLY/



OKD G294730

| | | | | | | | | |
|---|--------|-------------------|---|--------|-------------------|----|--------|-------------------|
| 1 | SCREW | MS24694S122.....4 | 5 | WASHER | 9018239.....12 | 9 | WASHER | 9018239.....10 |
| 2 | SCREW | MS24694S125.....4 | 6 | NUT | 9026523.....12 | 10 | NUT | 9026523.....10 |
| 3 | SCREW | MS24694S131.....4 | 7 | SCREW | MS24694S125.....6 | 11 | WEIGHT | 9028080.....3 |
| 4 | WEIGHT | 9028080.....2 | 8 | SCREW | MS24694S122.....6 | 12 | SCREW | MS24694S131.....6 |

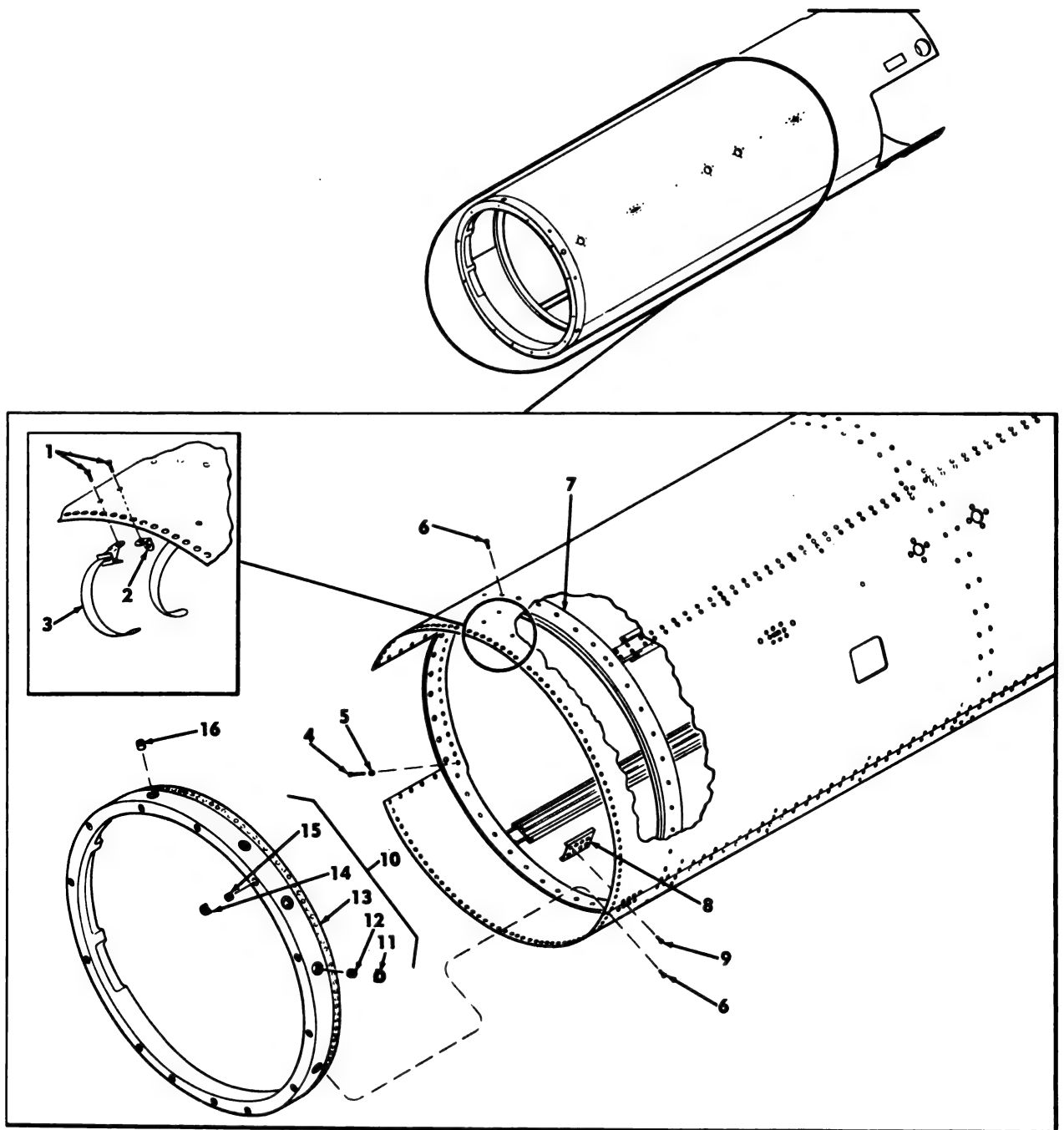
FIGURE 67. BALLAST INSTALLATION, GUIDED MISSILE /9028251/
/SEE FIGURE 49 FOR NEXT HIGHER ASSEMBLY/



ORD G336853

| | |
|--------------------------------|------------------------------|
| 1 SKIN 8524256-45.....1 | 6 RIVET MS20426AD6-9.....184 |
| 2 MAT 9030264.....4 | 7 RIVET MS2042684-7.....32 |
| 3 INSULATOR 9032380.....4 | 8 SPLICE 8524256-23.....1 |
| 4 SPLICE 8524256-21.....1 | 9 SKIN 8524256-63.....1 |
| 5 FRAME ASSEMBLY 8523842.....1 | |

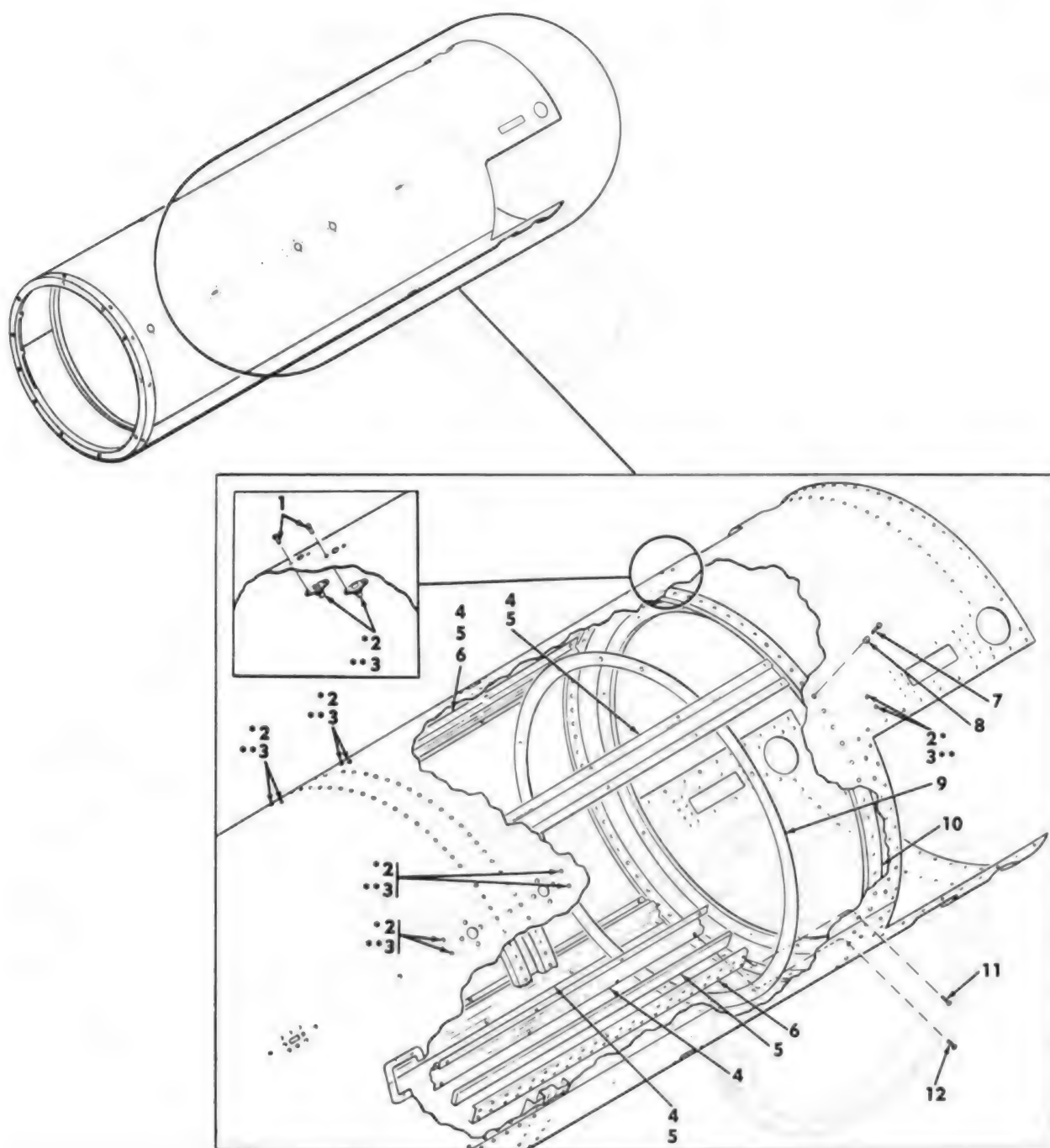
FIGURE 66. BODY SECTION, GUIDED MISSILE /8521053/



ORD G336852

| | | |
|-------------------------------|---------------------------------|------------------------------|
| 1 RIVET MS20426AD6-7.....3 | 7 FRAME 9032645.....1 | 13 FRAME 8523840-5.....1 |
| 2 BRACKET AN743-12.....1 | 8 SPLICE 8524256-25.....1 | 14 RING 10606512-3.....13 |
| 3 STRAP 9026144.....2 | 9 RIVET MS20426AD6-9.....8 | 15 INSERT 9018497.....13 |
| 4 PIN NAS1518-6.....15 | 10 FRAME ASSEMBLY 8521055.....1 | 16 SETSCREW MS51023-95.....8 |
| 5 COLLAR NAS108078.....15 | 11 RING 9018928.....8 | |
| 6 RIVET MS20426AD6-12.....132 | 12 INSERT 9020617.....8 | |

FIGURE 65. BODY SECTION, GUIDED MISSILE /8521053/



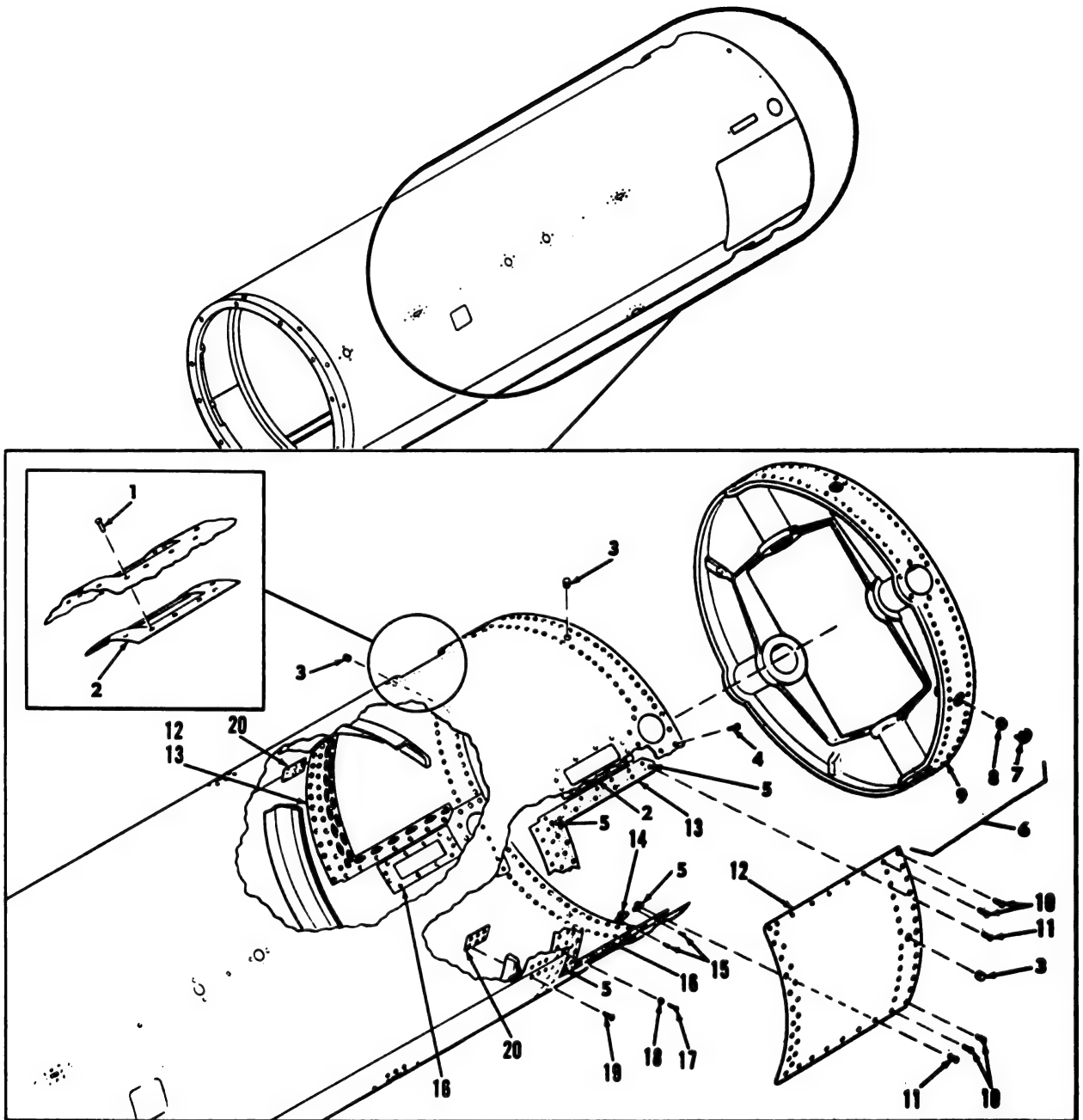
ORD G336851

1 RIVET MS20426AD3-4.....24
 2 NUT 9062799.....12
 3 NUT NAS133053K8166.....12
 4 MAT 9030623.....4
 5 INSULATOR 9032960.....4
 6 SPLICE 8524246-19.....2

7 PIN NAS1518-9.....88
 8 COLLAR NAS1080D8.....88
 9 INSULATION RING 9032034.....1
 10 FRAME 8523843.....1
 11 RIVET MS20426AD6-9.....80
 12 RIVET MS2042684-7.....32

* FOR SERIAL NO. 14965-18438
 ** FOR SERIAL NO. 18439 AND UP

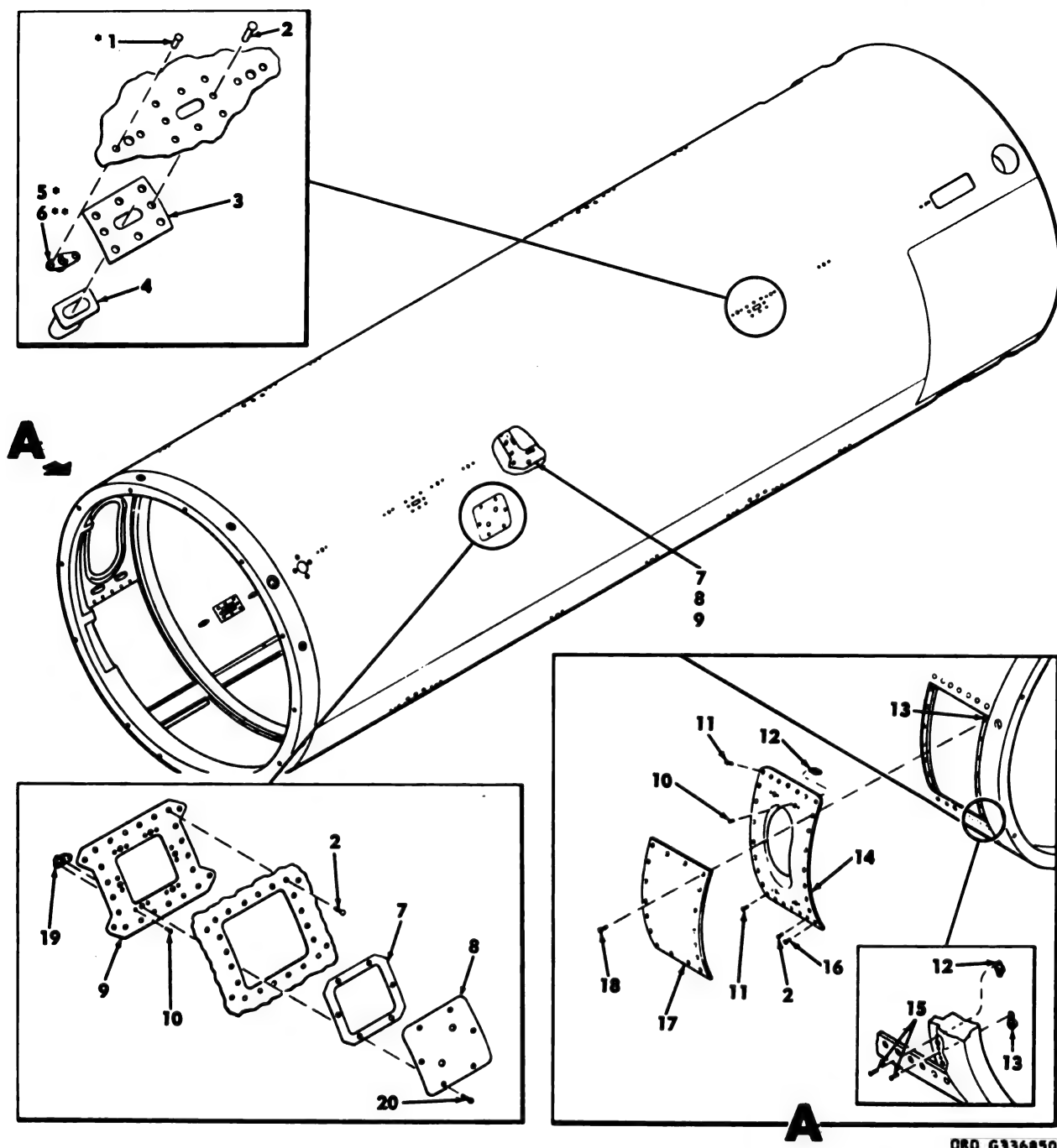
FIGURE 64. BODY SECTION, GUIDED MISSILE /A521053/



ORD G294726

| | | |
|--------------------------------|-----------------------------|-------------------------------|
| 1 RIVET MS20426AD6-9.....60 | 8 INSERT 9020611.....4 | 15 RIVET MS20426AD3-4.....140 |
| 2 DOUBLER 8524256-29.....2 | 9 FRAME 9032797-3.....1 | 16 DOUBLER 8524256-61.....2 |
| 3 PLUG 9978716.....4 | 10 SCREW 9028322.....54 | 17 PIN NAS1918-4.....80 |
| 4 SCREW MS24694S95.....102 | 11 SCREW 8524218.....70 | 18 COLLAR NAS100000.....80 |
| 5 NUT MS21080-4.....8 | 12 COVER 9032258.....2 | 19 RIVET MS20426AD4-6.....12 |
| 6 FRAME ASSEMBLY 9032797.....1 | 13 DOUBLER 8524256-33.....2 | 20 PLATE 8524256-37.....1 |
| 7 RING 9020583.....4 | 14 NUT MS21078-4.....62 | |

FIGURE 63. BODY SECTION, GUIDED MISSILE /8521053/

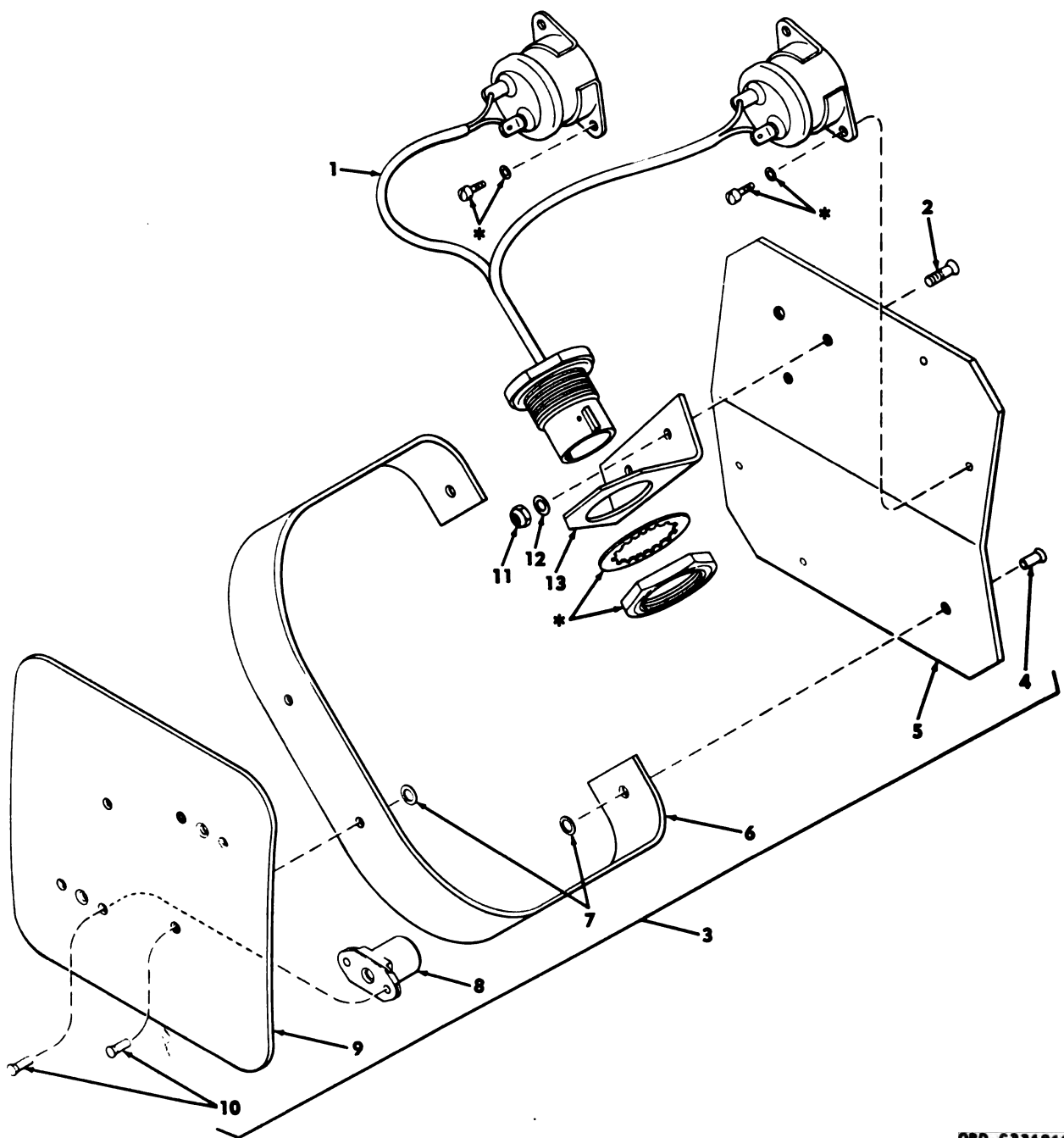


ORD G336850

| | | |
|------------------------------|------------------------------|----------------------------|
| 1 RIVET MS20426AD3-6.....60 | 9 DOUBLER A524256-51.....2 | 17 COVER 9019638.....1 |
| 2 RIVET MS20426AD6-9.....122 | 10 RIVET MS20426AD3-6.....32 | 18 SCREW 9028458.....18 |
| 3 DOUBLER 8524256-15.....8 | 11 SCREW MS24694S49.....2 | 19 NUT MS21059L3.....12 |
| 4 BOOT 8521069.....8 | 12 NUT MS21047L4.....9 | 20 SCREW MS24694S51.....12 |
| 5 NUT 9026134.....30 | 13 NUT MS21051L4.....2 | |
| 6 NUT NAS1330S08K8161.....30 | 14 DOUBLER A524256-57.....1 | |
| 7 GASKET 9032023.....2 | 15 RIVET MS20426AD3-9.....14 | |
| 8 DOOR 9032821.....2 | 16 RIVET MS20426AD6-12.....2 | |

* FOR SERIAL NO. 14965-18438
 ** FOR SERIAL NO. 18439 AND UP

FIGURE 62. BODY SECTION, GUIDED MISSILE /8521053/
 /SEE FIGURE 54 FOR NEXT HIGHER ASSEMBLY/



ORD 6336849

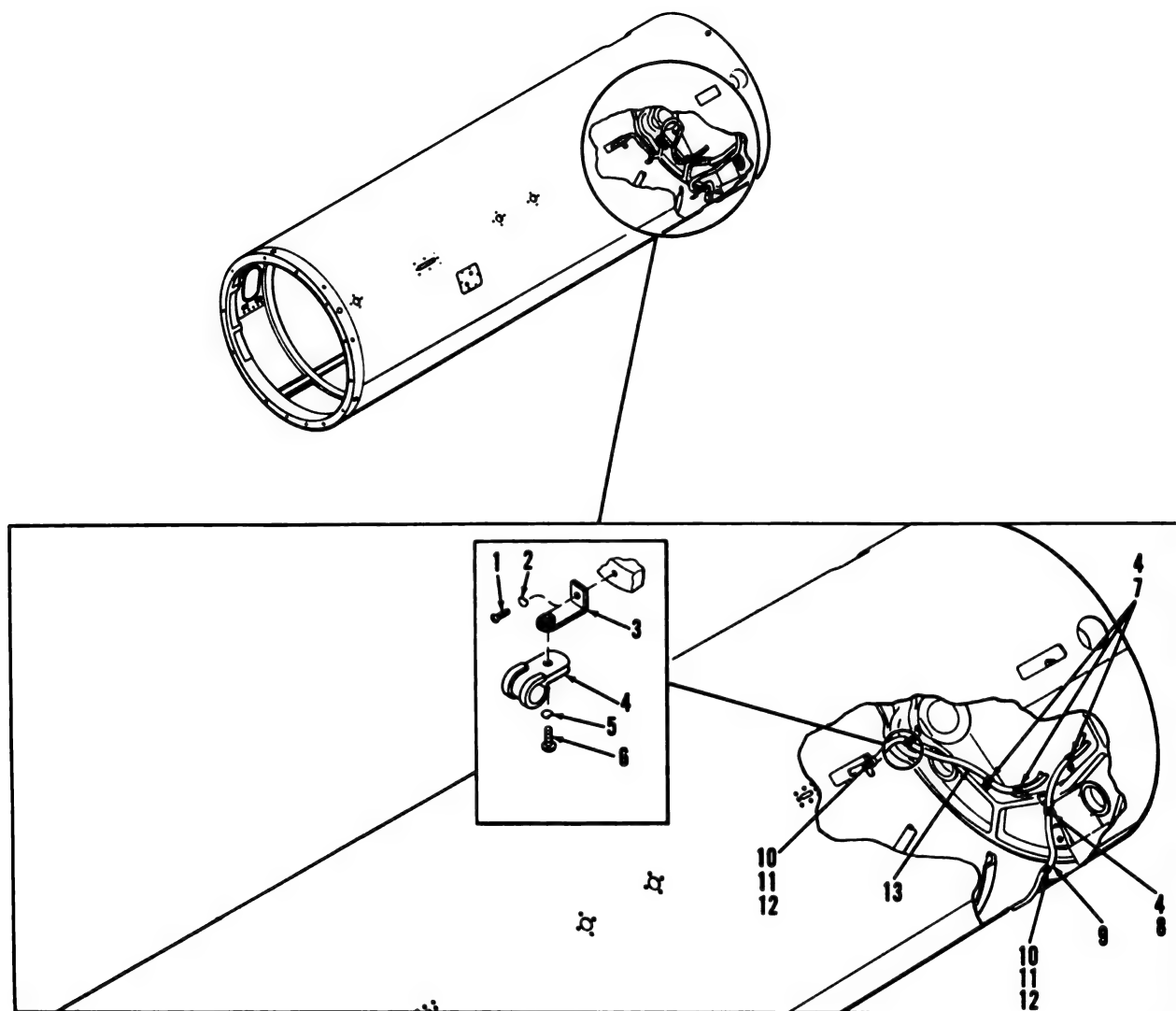
1 WIRING HARNESS 9978712.....1
SEE FIGURE 171, NUMBER 27
FOR DETAILS
2 SCREW MS2469354.....2
3 PLATE ASSEMBLY 9019876.....1
4 RIVET MS20426A03-4.....2

5 PLATE 9028181.....1
6 SPRING 9019806.....1
7 WASHER AN960-3L.....4
8 NUT 9018143.....2
9 PLATE 9019846.....1
10 RIVET MS20426A3-4.....6

11 NUT MS21044M04.....2
12 WASHER MS27183-4.....2
13 BRACKET 9032020.....1

* FURNISHED WITH ITEM 1

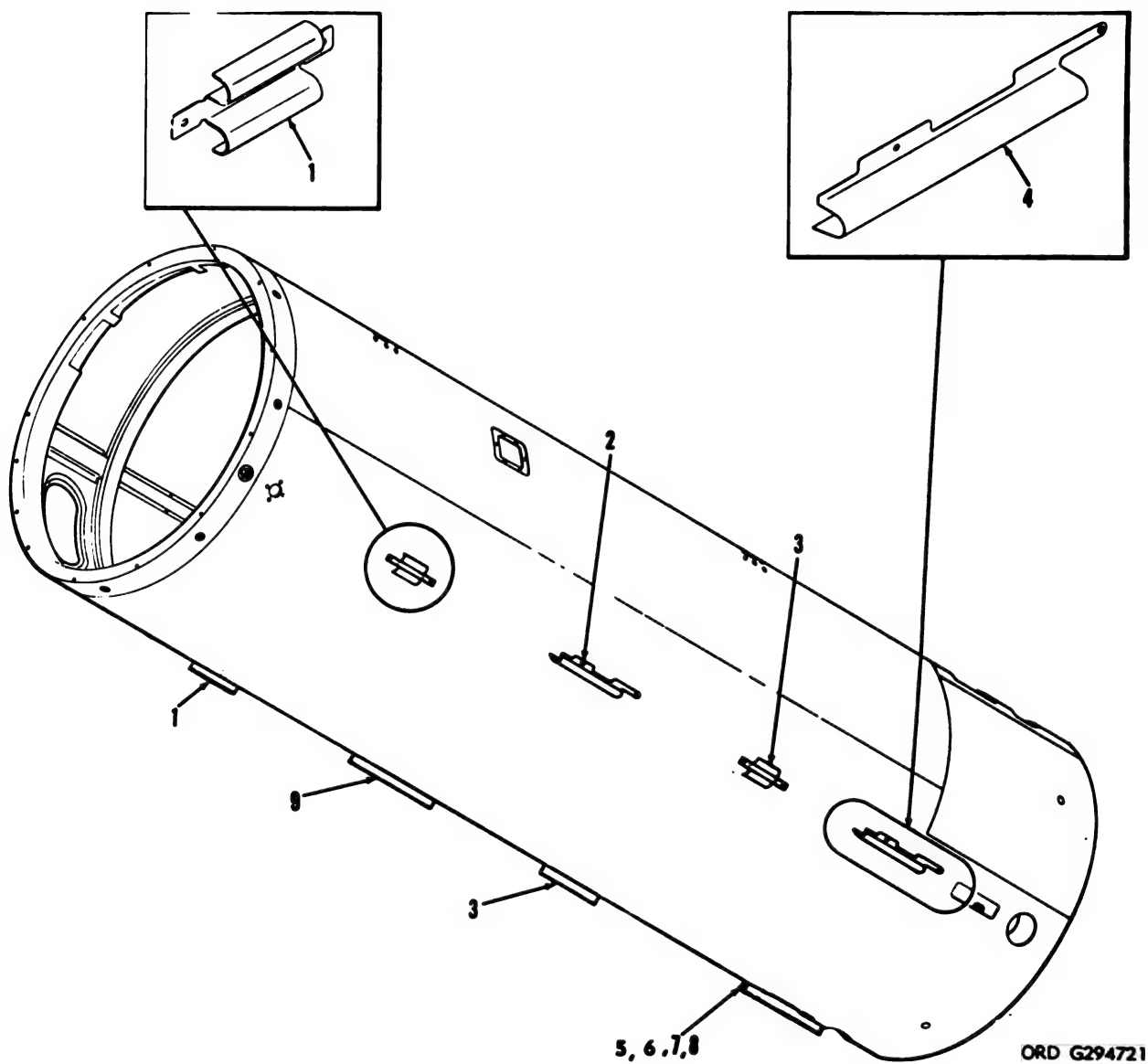
FIGURE 61. THERMOSTAT, ENGINE HEATER, SPRING MOUNTED /9978713/
/SEE FIGURE 57 FOR NEXT HIGHER ASSEMBLY/



ORD G336848

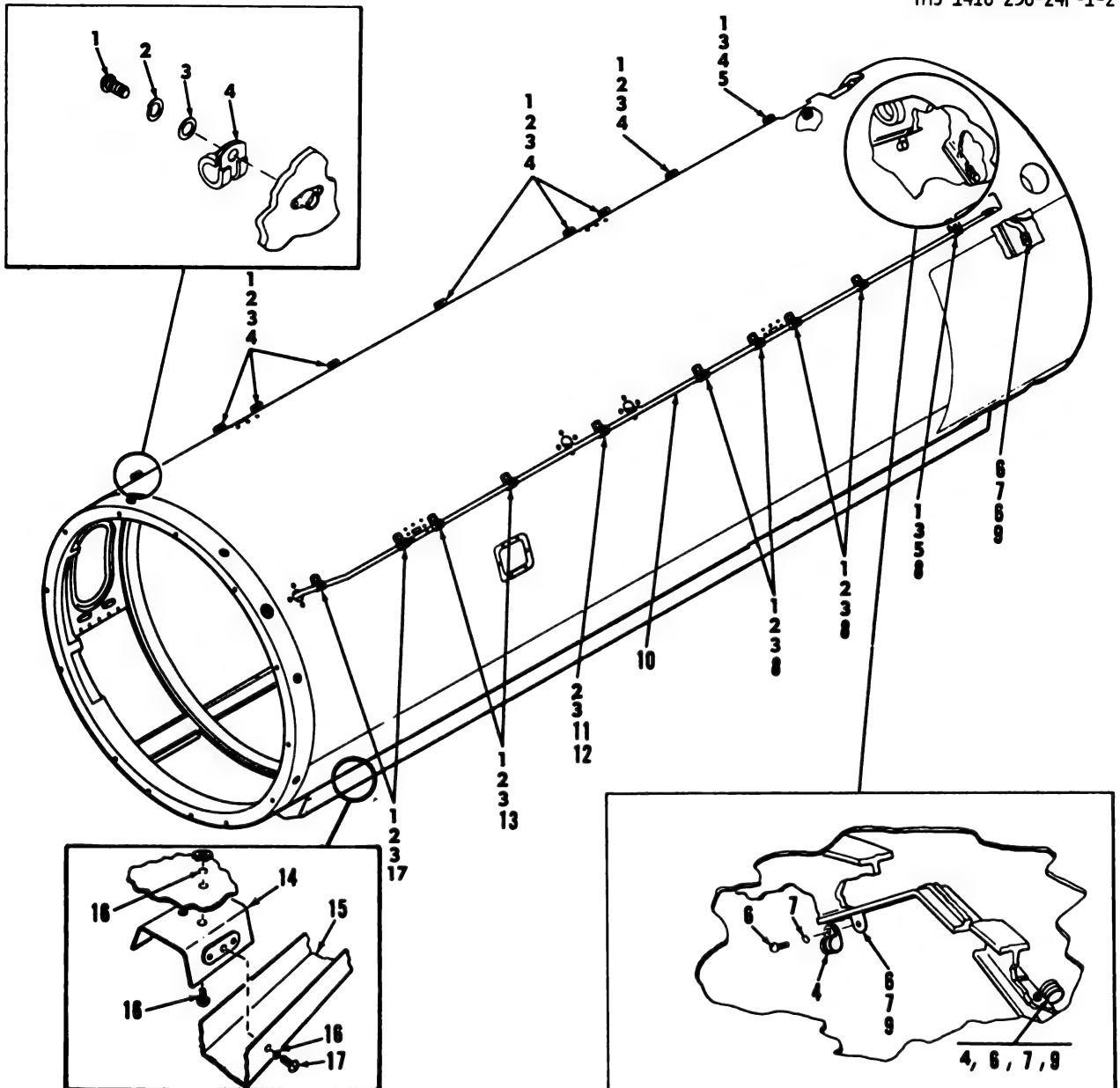
| | | |
|----------------------------|--------------------------------|---------------------------------|
| 1 SCREW MS35207-262.....8 | 7 BRACKET 9028057.....3 | 11 WASHER MS35338-43.....2 |
| 2 WASHER MS35338-43.....8 | 8 BRACKET 9028058.....1 | 12 CLAMP MS25281R11.....2 |
| 3 BRACKET 9028320.....1 | 9 CABLE ASSEMBLY 9979466.....1 | 13 CABLE ASSEMBLY 9979465.....1 |
| 4 CLAMP MS21919MDG12.....5 | SEE FIGURE 171, NUMBER 3 | SEE FIGURE 171, NUMBER 2 |
| 5 WASHER MS35338-43.....5 | FOR DETAILS | FOR DETAILS |
| 6 SCREW MS35207-264.....5 | 10 SCREW MS35207-264.....2 | |

FIGURE 60. EQUIPMENT INSTALLATION, ENGINE SECTION /9028467/



| | | | | | | | | |
|---|---------|---------------|---|---------|--------------------|---|---------|------------------|
| 1 | SPACER | 9028431.....2 | 4 | SUPPORT | 9019534.....1 | 7 | NUT | MS21083M08.....2 |
| 2 | SUPPORT | 9019536.....1 | 5 | WASHER | AN960-8L.....16 | 8 | SUPPORT | 9019537.....1 |
| 3 | SPACER | 9028412.....2 | 6 | SCREW | MS35206-246.....16 | 9 | SUPPORT | 9019535.....1 |

FIGURE 59. EQUIPMENT INSTALLATION, ENGINE SECTION /9028467/



ORD G336847

| | | | | | |
|---|--------------------------|----|------------------------------|----|--------------------------|
| 1 | SCREW MS35206-246.....18 | 8 | CLAMP MS21919WDG8.....6 | 13 | CLAMP MS21919WDG3.....4 |
| 2 | WASHER MS35338-42.....17 | 9 | BRACKET 9028058.....3 | 14 | BRACKET 9033221.....6 |
| 3 | WASHER AN960-8L.....19 | 10 | CABLE ASSEMBLY 8530418.....1 | 15 | COVER 9033218.....6 |
| 4 | CLAMP MS21919WDG5.....11 | | SEE FIGURE 171, NUMBER A | 16 | WASHER 8014684.....24 |
| 5 | NUT MS21083N08.....2 | | FOR DETAILS | 17 | SCREW MS35207-261.....12 |
| 6 | SCREW MS35207-262.....6 | 11 | SCREW AN526-832R4.....1 | 18 | SCREW MS35207-263.....12 |
| 7 | WASHER MS35338-43.....6 | 12 | CLAMP MS21919WDG7.....1 | | |

FIGURE 58. EQUIPMENT INSTALLATION, ENGINE SECTION /9028467/

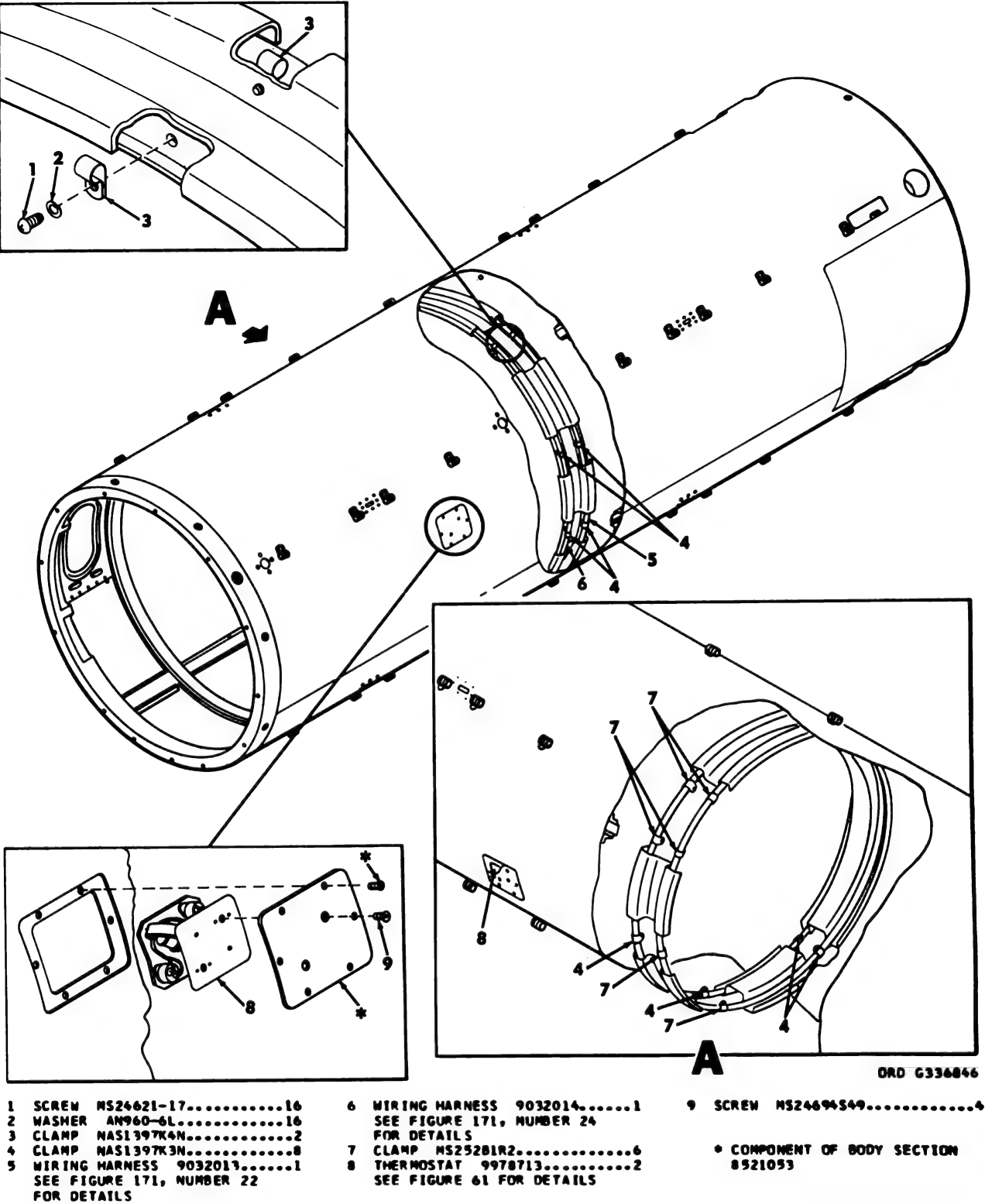
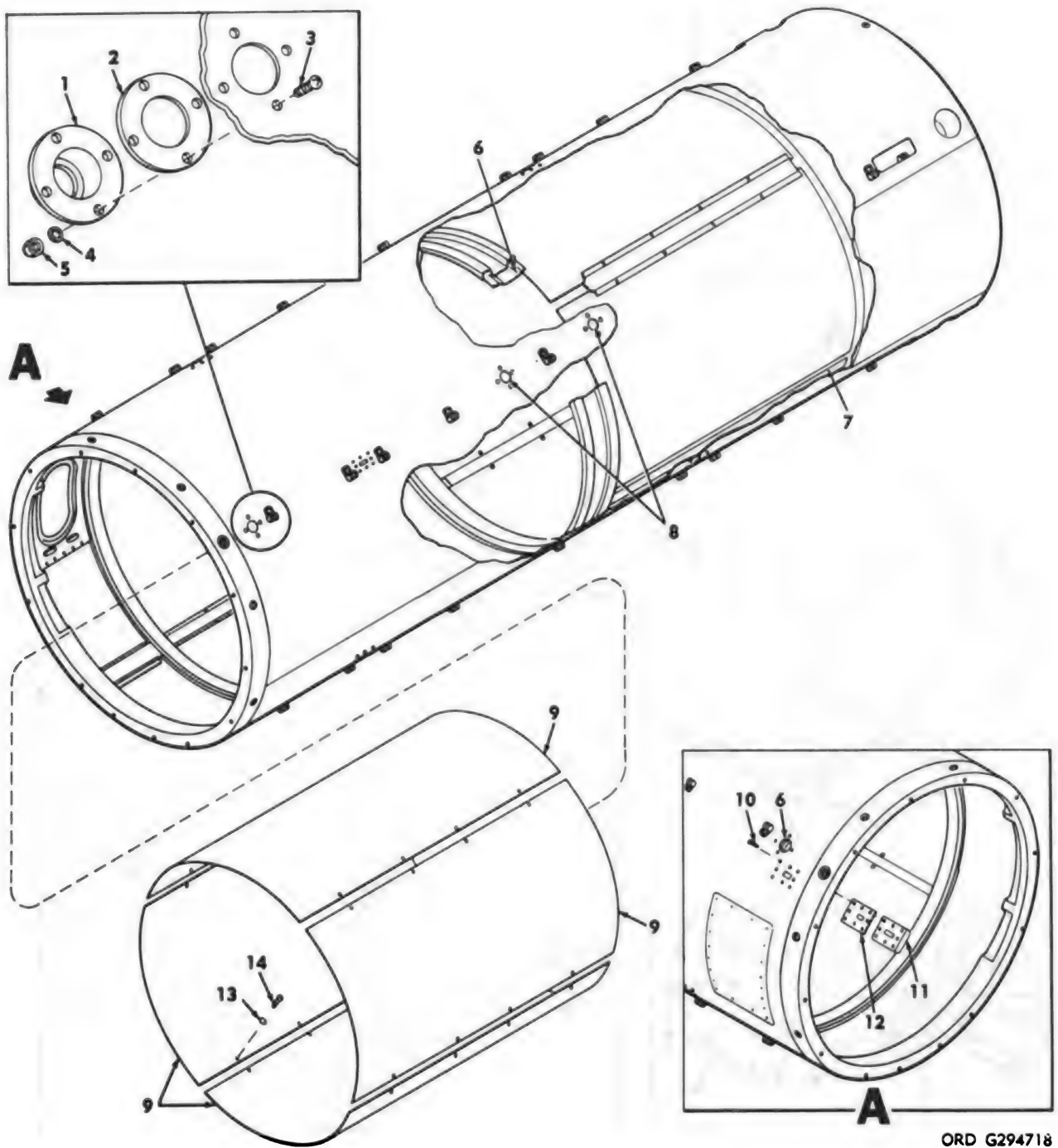


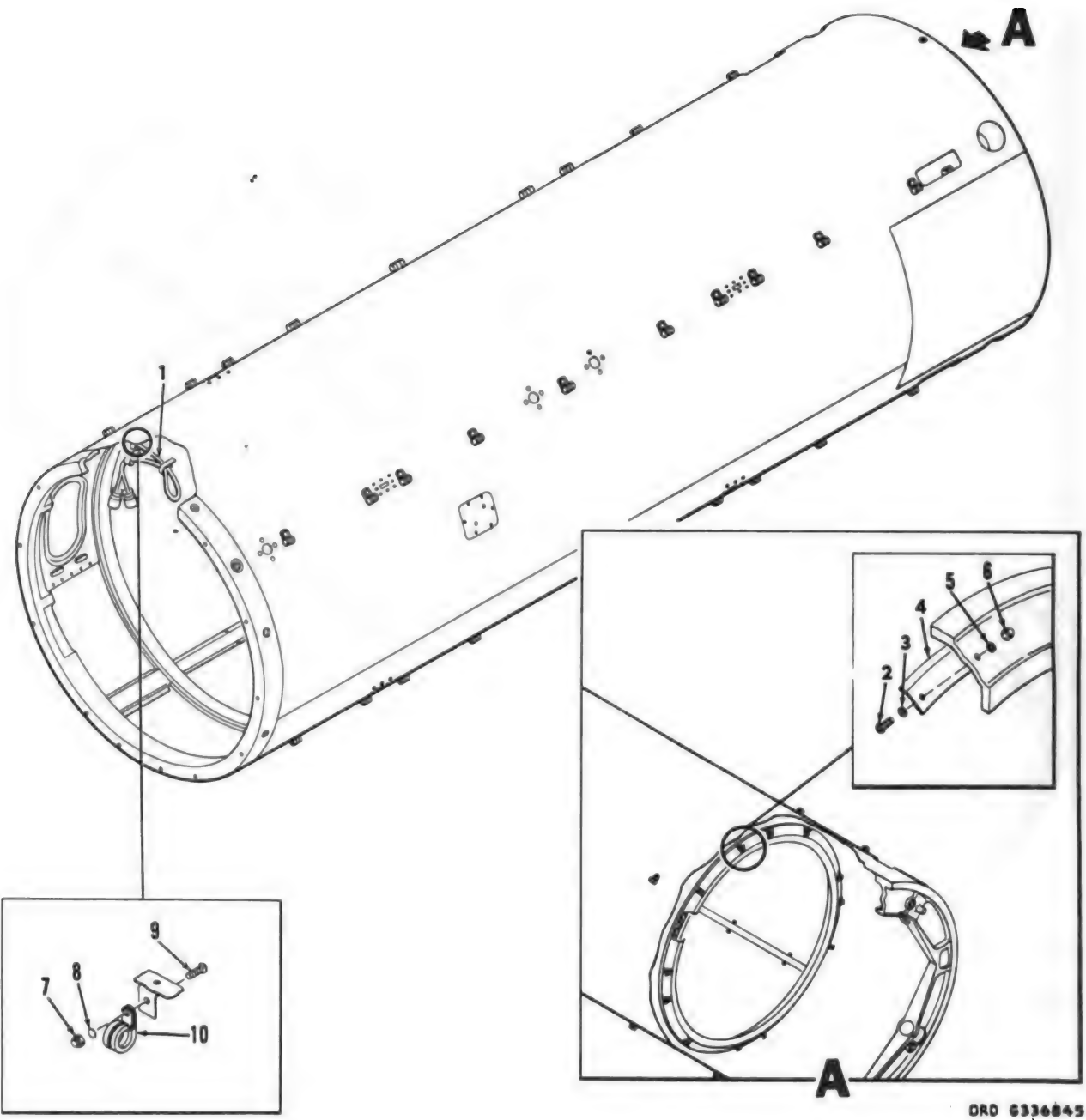
FIGURE 57. EQUIPMENT INSTALLATION, ENGINE SECTION /9028467/



ORD G294718

| | | |
|----------------------------|---------------------------------|----------------------------------|
| 1 HOUSING 9034880.....1 | 6 SUPPORT 9030347.....2 | 11 SWITCH ASSEMBLY 9030028.....1 |
| 2 GASKET 9028342.....4 | 7 HEATING ELEMENT 9032057.....4 | 12 GASKET 9032067.....1 |
| 3 SCREW MS39204-230.....16 | 8 HOUSING 9031244.....3 | 13 WASHER MS27183-6.....64 |
| 4 WASHER AN940-6L.....16 | 9 HEATING ELEMENT 9030288.....4 | 14 SCREW MS24621-15.....64 |
| 5 NUT MS21083N06.....16 | 10 SCREW MS24694548.....8 | |

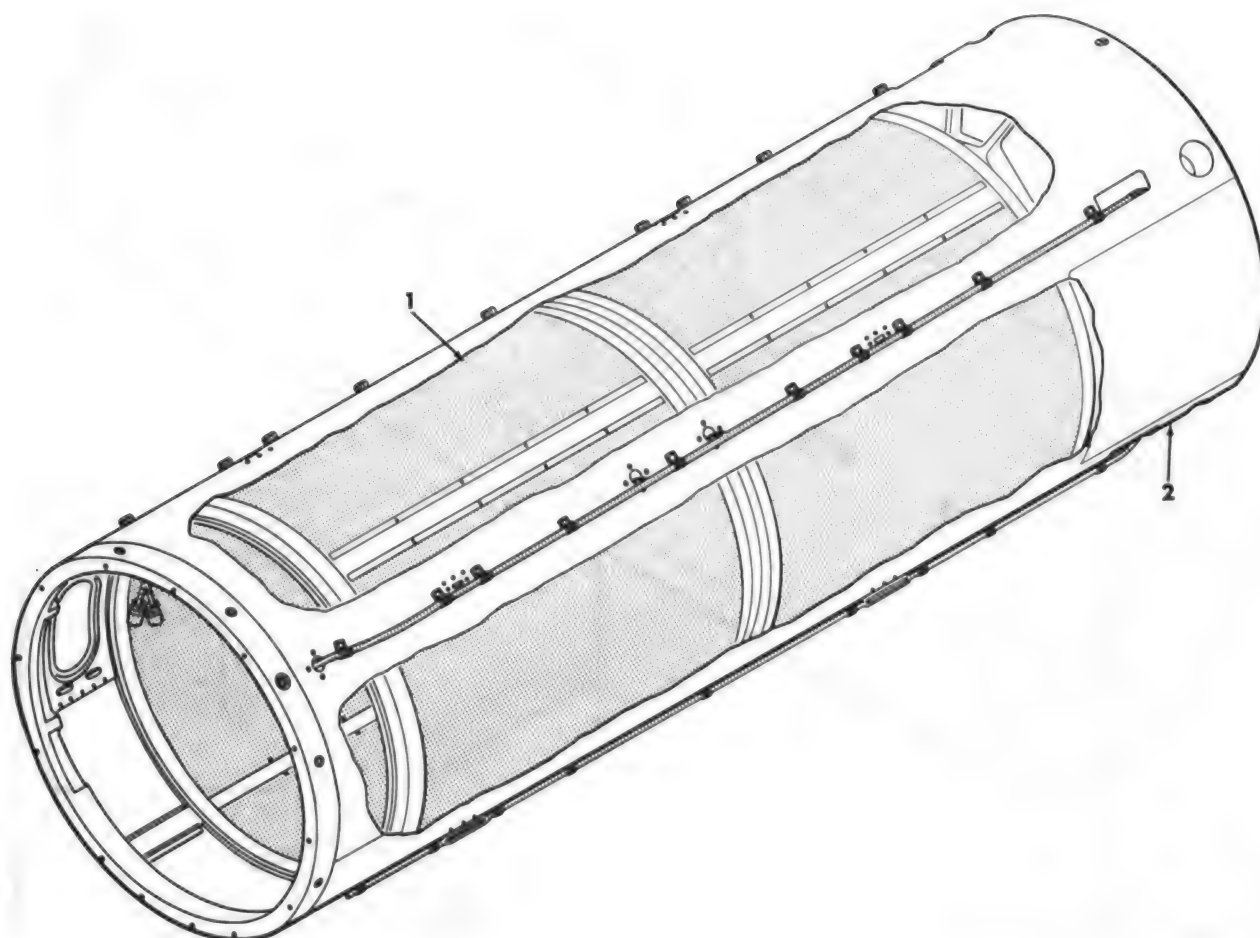
FIGURE 56. EQUIPMENT INSTALLATION, ENGINE SECTION /9028467/



ORD 6336845

- | | | |
|--------------------------------|---------------------------|----------------------------|
| 1 WIRING HARNESS 9028240.....1 | 3 WASHER AN960-10L.....12 | 7 NUT MS21083M3.....1 |
| SEE FIGURE 171, NUMBER 12 | 4 SUPPORT 9030946.....2 | 8 WASHER AN960-10L.....1 |
| FOR DETAILS | 5 WASHER AN960-10L.....12 | 9 SCREW MS39207-262.....1 |
| 2 SCREW MS39207-263.....12 | 6 NUT MS21042-3.....12 | 10 CLAMP MS21919WD69.....1 |

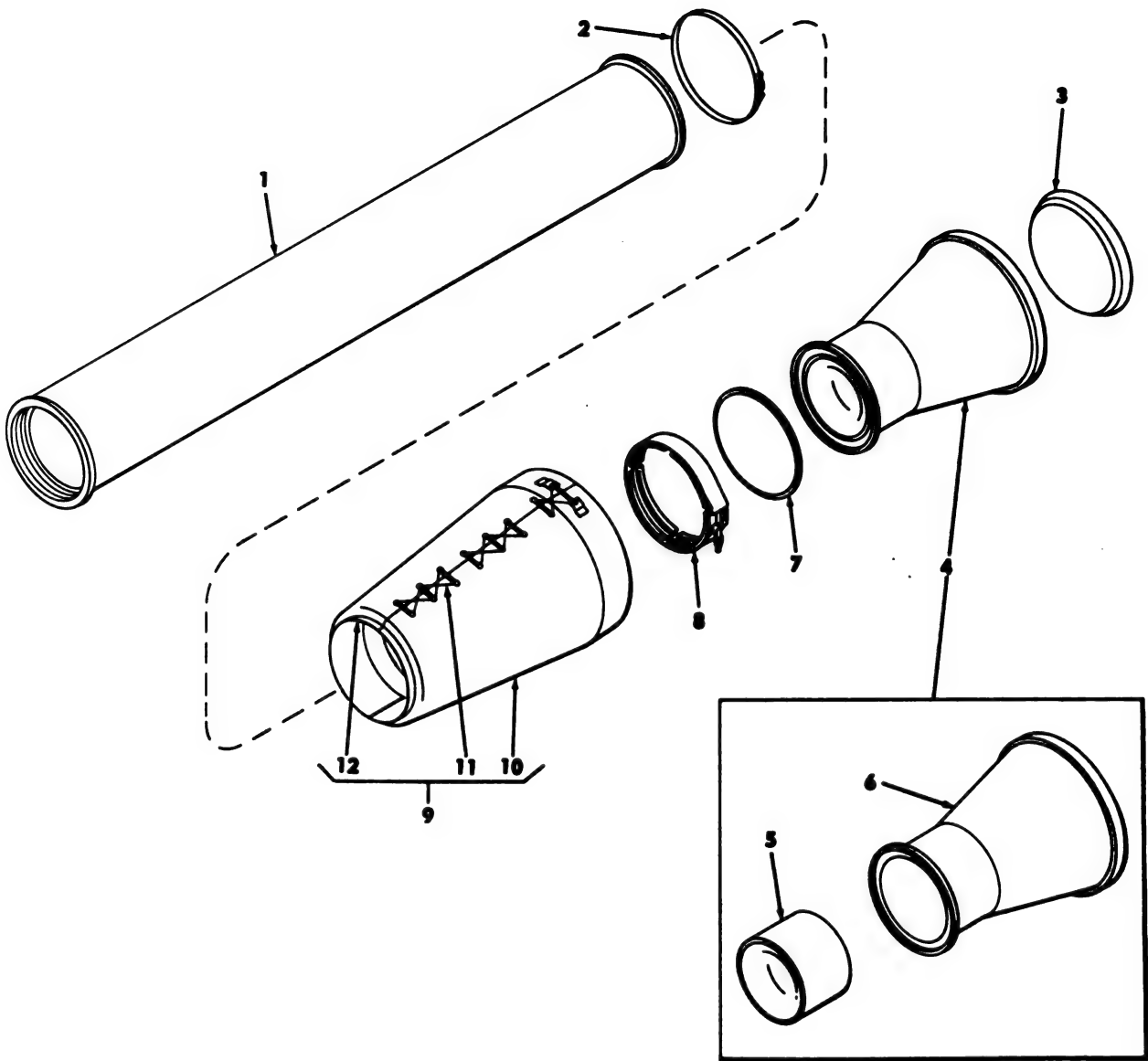
FIGURE 55. EQUIPMENT INSTALLATION, ENGINE SECTION /9028467/
/SEE FIGURE 54 FOR NEXT HIGHER ASSEMBLY/



ORD G294716

- 1 EQUIPMENT INSTALLATION
9028467.....1
SEE FIGURE 55 FOR DETAILS
- 2 BODY SECTION 8521053.....1
SEE FIGURE 62 FOR DETAILS

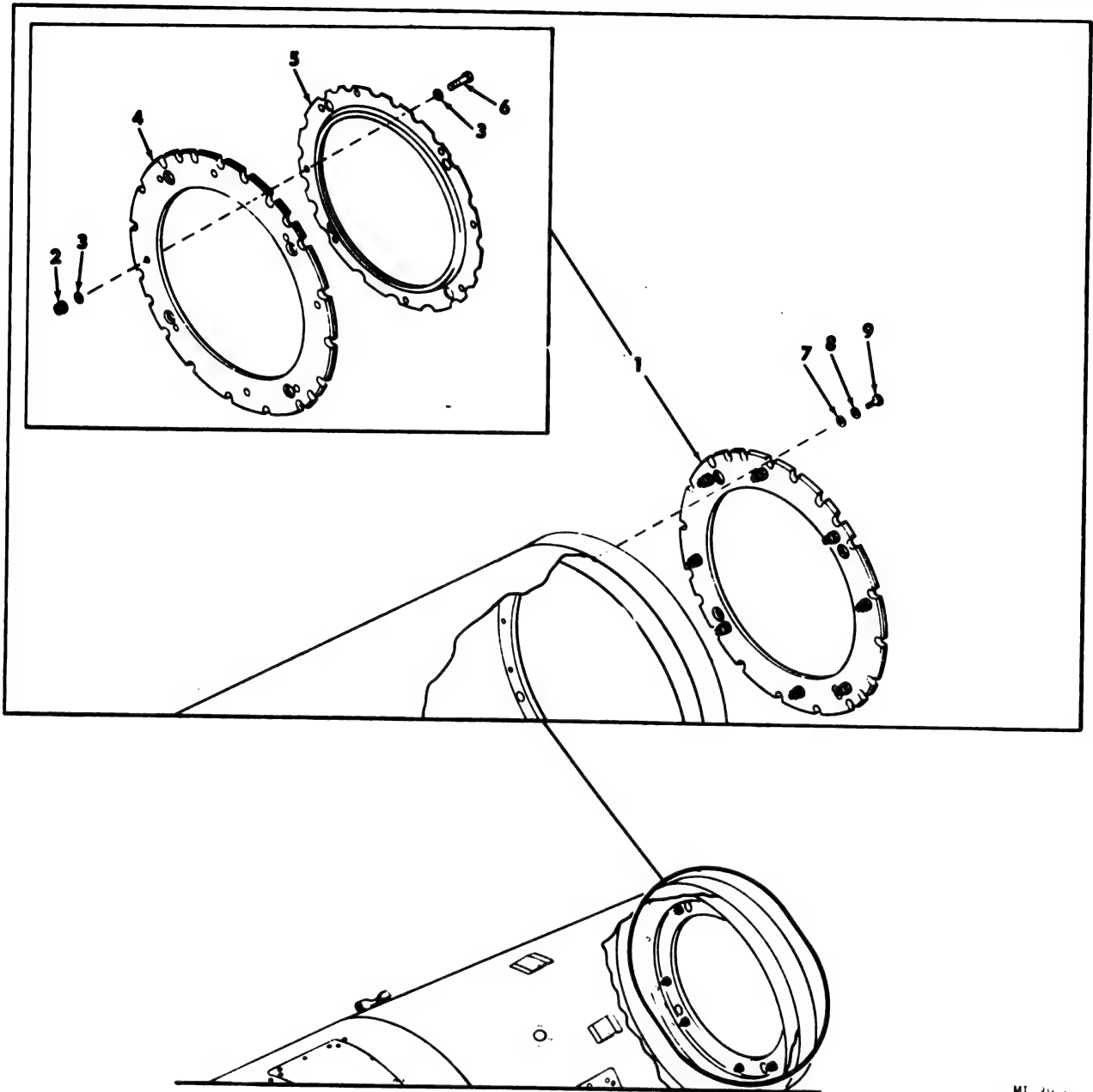
FIGURE 54. MOTOR SECTION /9028468/
/SEE FIGURE 49 FOR NEXT HIGHER ASSEMBLY/



ORD G339068

| | | | | | |
|---------------|-------------------------------|---------------|-----------------------|----|------------------------|
| 1 | BLAST TUBE ASSEMBLY | 9 | NOZZLE INSERT | 8 | COUPLING 8034196.....1 |
| 8034192.....1 | | 8034199.....1 | | 9 | BLANKET 8034329.....1 |
| 2 | CLAMP MS21920-74R.....1 | 6 | BODY 8034198.....1 | 10 | BLANKET 8034635.....1 |
| 3 | CLOSURE NOZZLE 8034200.....1 | 7 | PACKING WITH RETAINER | 11 | WIRE MS20995C32.....1 |
| 4 | NOZZLE ASSEMBLY 8034197.....1 | 8034430.....1 | | 12 | BLANKET 8034646.....1 |

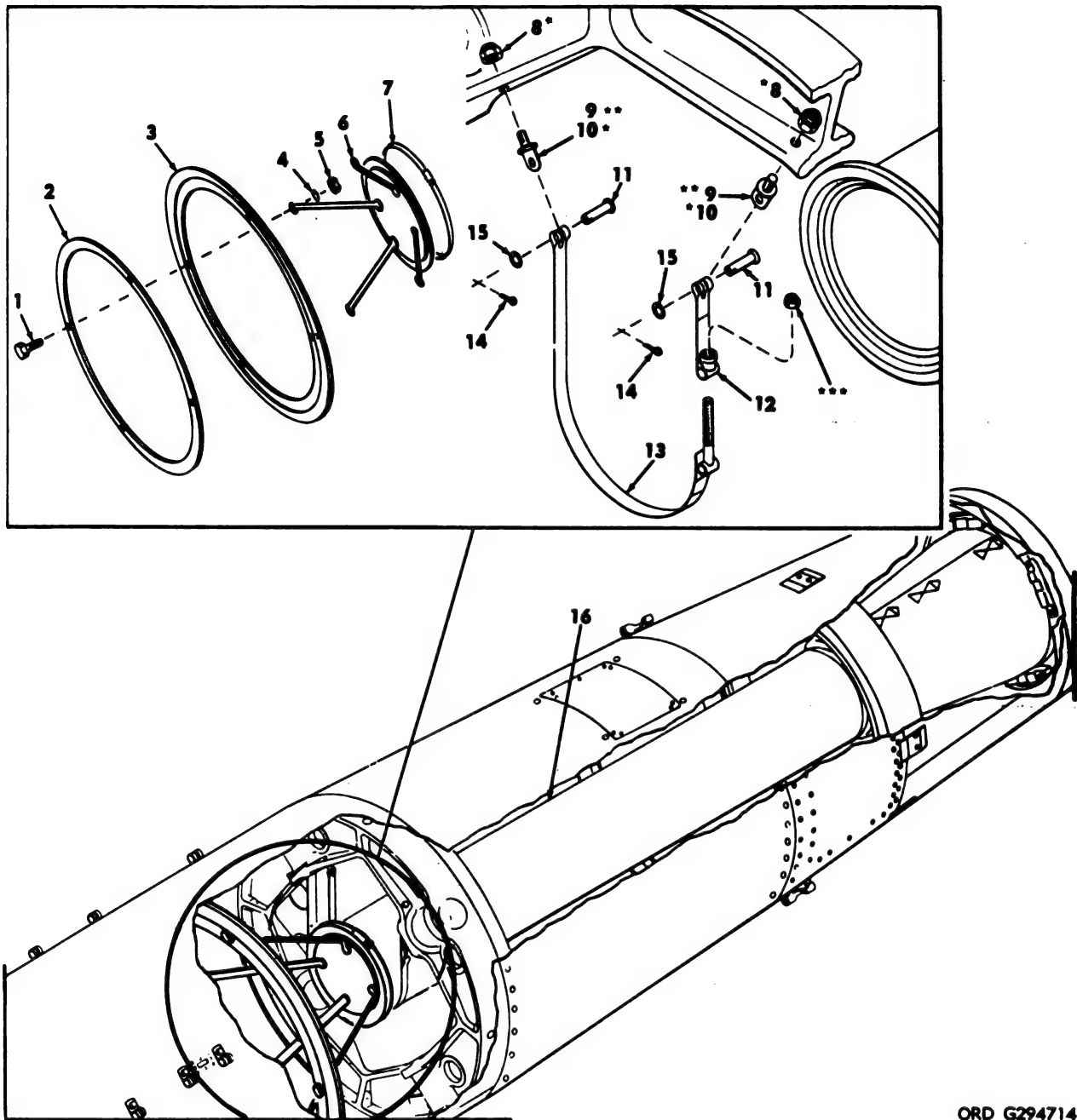
FIGURE 53. BLAST TUBE AND NOZZLE ASSEMBLY /8034291/
/SEE FIGURE 51 FOR NEXT HIGHER ASSEMBLY/



MI 3955

- | | | |
|---|----------------------------|----|
| 1 | RING ASSEMBLY 9979167..... | 1 |
| 2 | NUT AN363C42R..... | 8 |
| 3 | WASHER AN940C416..... | 16 |
| 4 | MOUNTING PLATE | |
| | 9019994..... | 1 |
| 5 | RING 9979167..... | 1 |
| 6 | BOLT AN4-7A..... | 8 |
| 7 | WASHER MS27183-12..... | 7 |
| 8 | WASHER 9031320..... | 7 |
| 9 | BOLT AN5-7A..... | 7 |

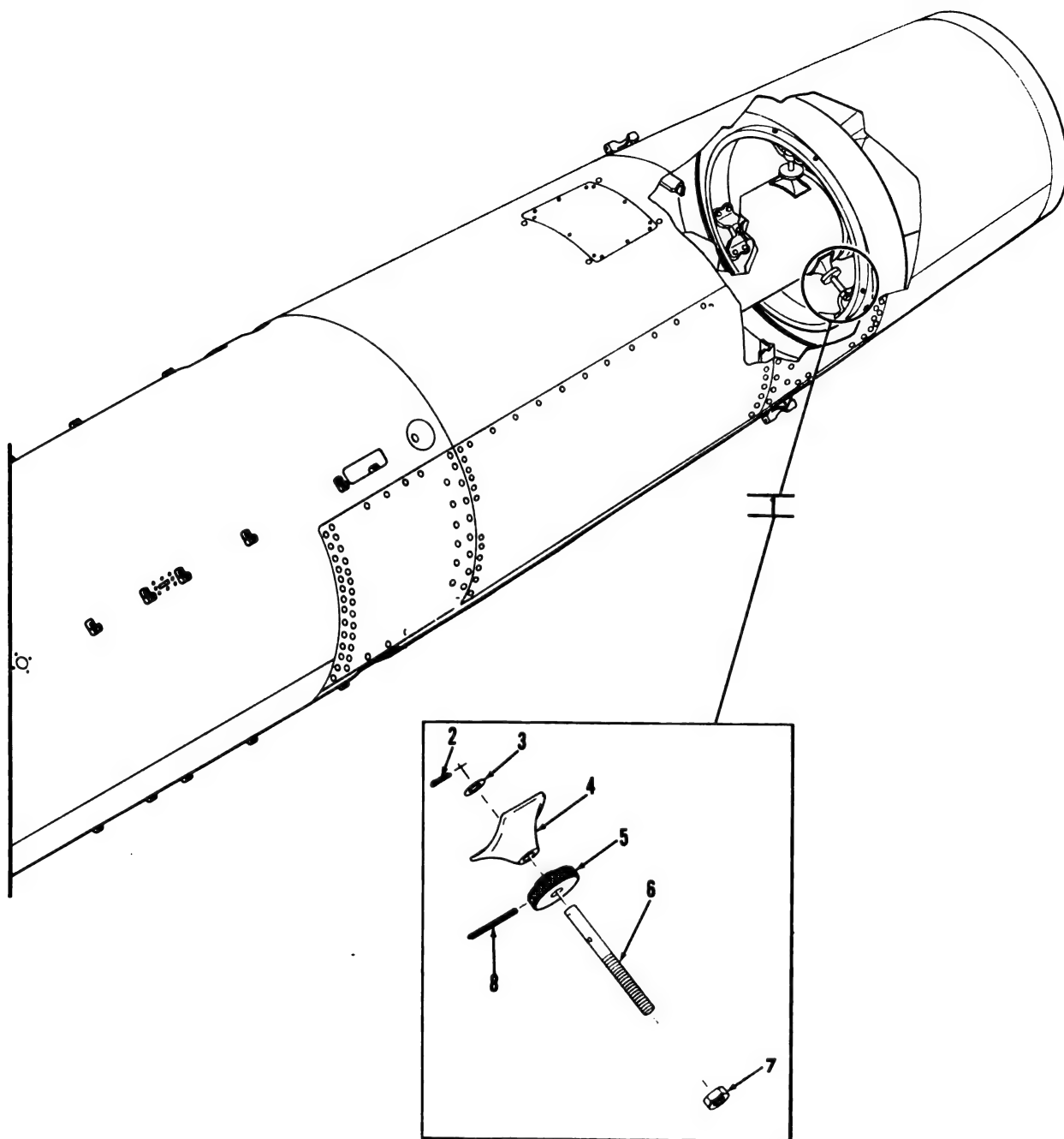
FIGURE 52. PLAST TUBE AND CLOSURE INSTALLATION /9019994/



ORD G294714

| | | |
|----------------------------------|---------------------------|-------------------------------|
| 1 BOLT AN7-11A.....4 | 10 BOLT AN44-5.....2 | * FOR BLAST TUBE AND CLOSURE |
| 2 INSULATION RING 9032034.....1 | 11 PIN MS20392-3C27.....2 | INSTALLATION 9019994 WITH |
| 3 FRAME 8523843.....1 | 12 BAND 9033691.....1 | SERIAL NO. 16870 AND UP |
| 4 WASHER AN960-716.....4 | 13 BAND 9033692.....1 | ** FOR BLAST TUBE AND CLOSURE |
| 5 NUT MS21044N7.....4 | 14 PIN MS24665-151.....2 | INSTALLATION 9019994 WITH |
| 6 SHIPPING SUPPORT 9032800.....1 | 15 WASHER AN960-616.....2 | SERIAL NO. 14965-16869 |
| 7 COUPLING 9018247.....1 | 16 BLAST TUBE AND NOZZLE | *** FURNISHED WITH ITEM 13 |
| 8 NUT MS21083N5.....2 | ASSEMBLY 8034291.....1 | |
| 9 BOLT 8522099.....2 | SEE FIGURE 53 FOR DETAILS | |

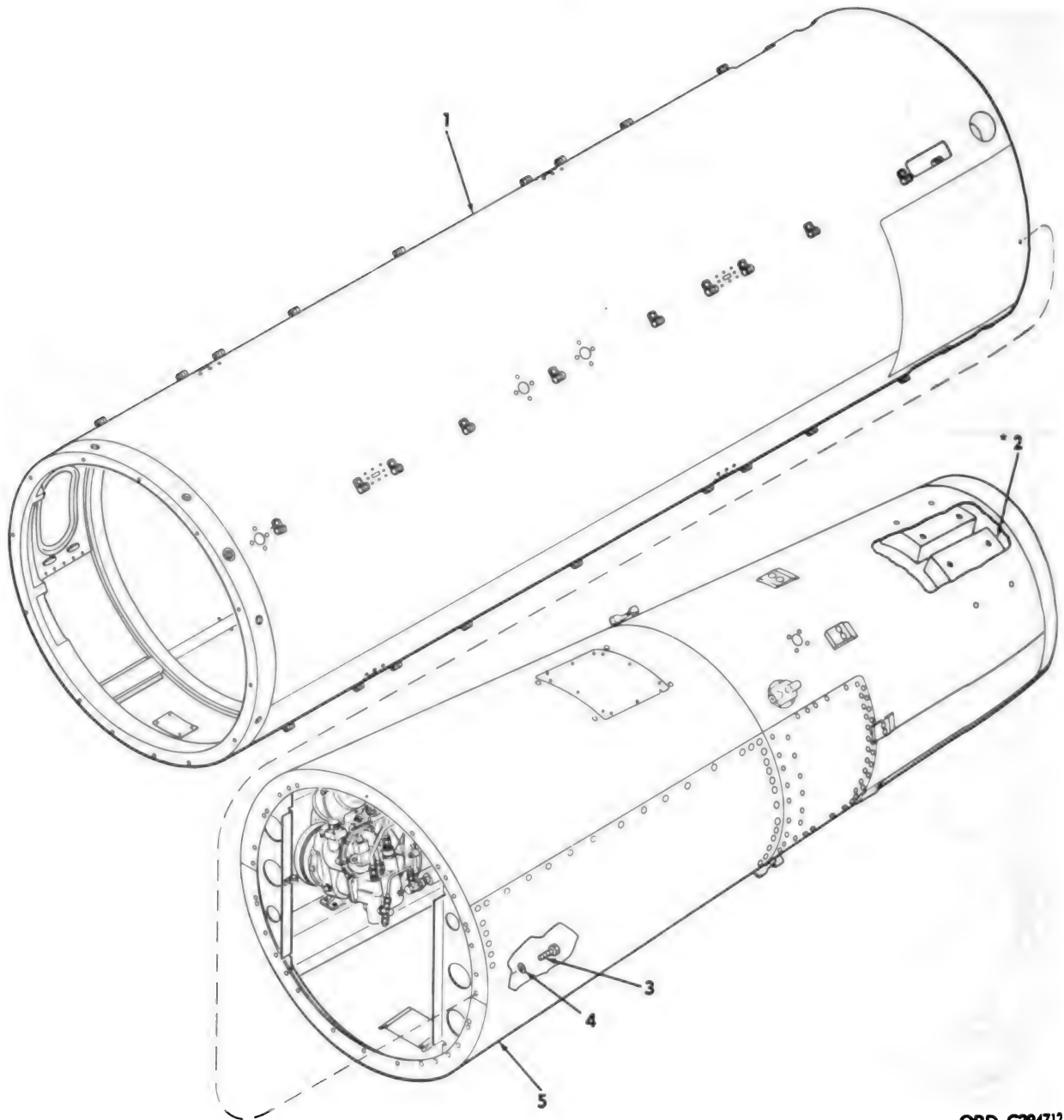
FIGURE 51. BLAST TUBE AND CLOSURE INSTALLATION /9019994/



- 1 ADJUSTING ASSEMBLY
 9028028.....3
 2 PIN MS24665-153.....1
 3 WASHER MS15795-818.....1
 4 SHOE 9031135.....1
 5 KNOB 9031137.....1
 6 SHAFT 9031133.....1
 7 NUT AN316-8R.....1
 8 PIN MS171572.....1

ORD G294713

FIGURE 50. BLAST TUBE AND CLOSURE INSTALLATION /9019994/
 /SEE FIGURE 48 FOR NEXT HIGHER ASSEMBLY/



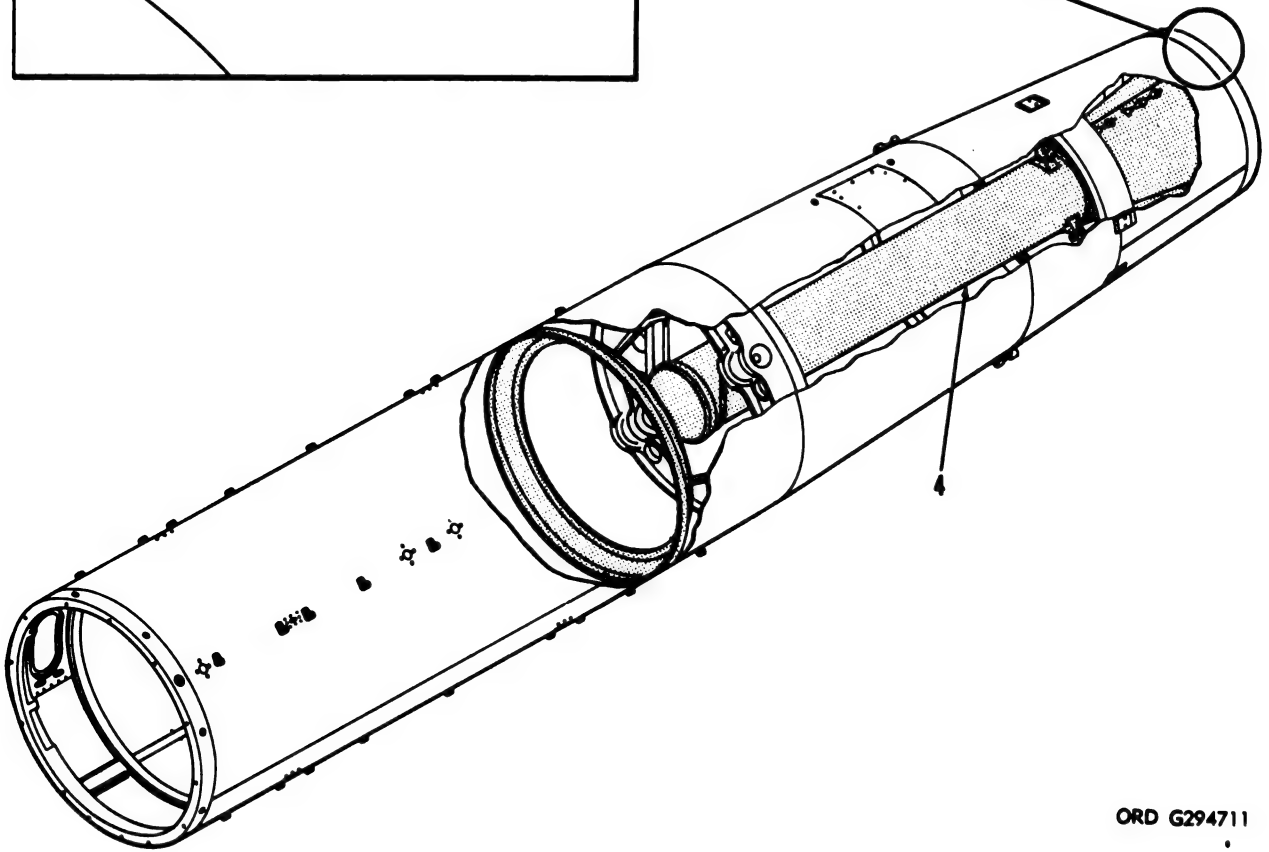
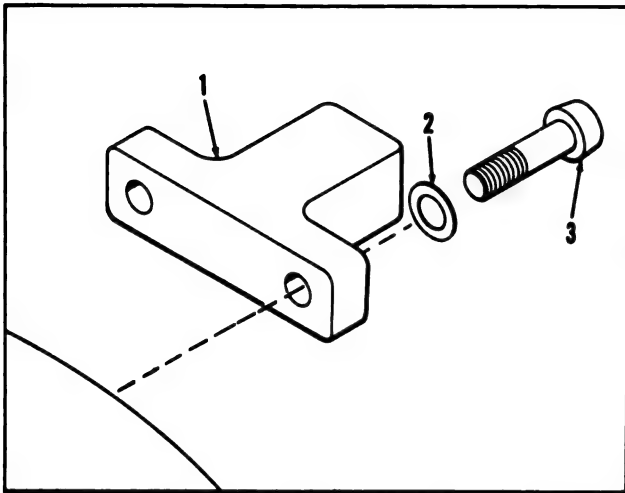
ORD G294712

1 MOTOR SECTION 902R468.....1
SEE FIGURE 94 FOR DETAILS
2 BALLAST INSTALLATION
902B251.....1
SEE FIGURE 67 FOR DETAILS

3 BOLT MS20074-06-07.....20
4 WASHER AN960-616L.....20
5 BODY SECTION 8521098.....1
SEE FIGURE 6A FOR DETAILS

* FOR SERIAL NUMBER
14965-15405

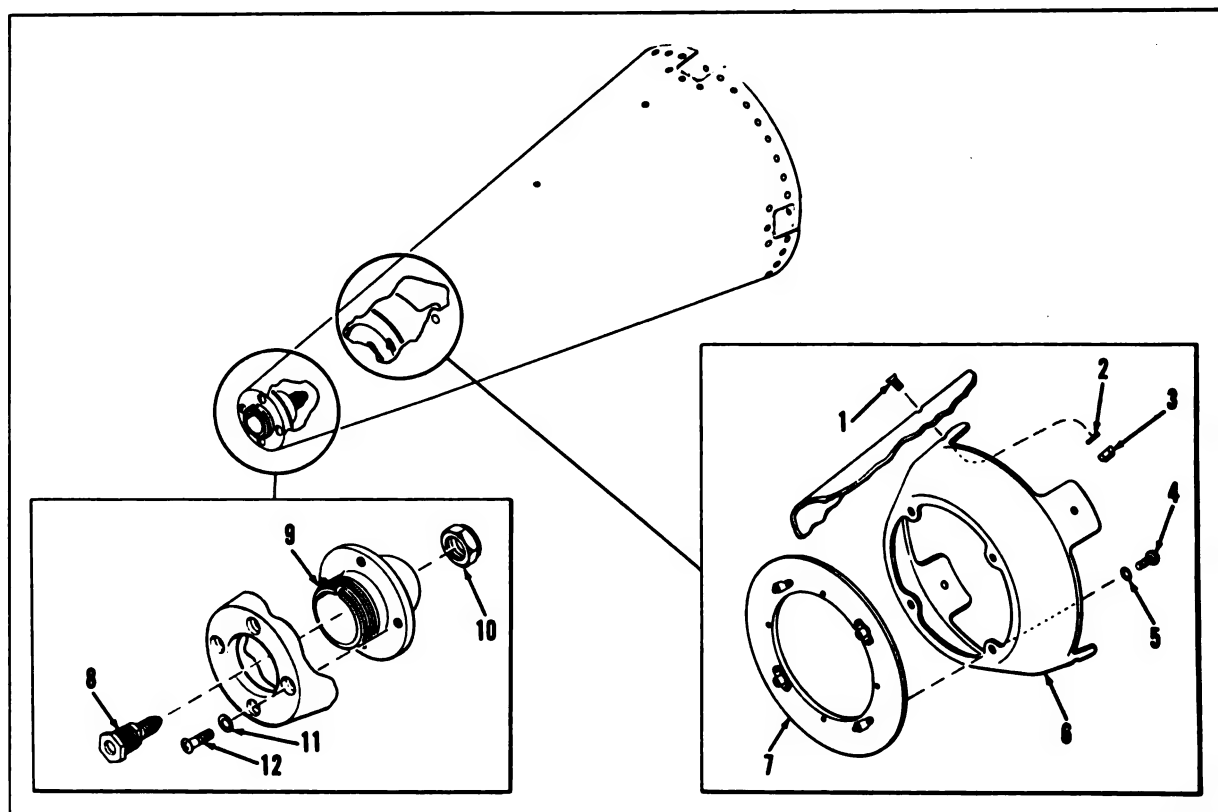
FIGURE 49. BODY ASSEMBLY, AFT /902B293/



ORD G294711

- 1 ALIGNMENT PIN 9029046.....1
 - 2 WASHER MS20002C5.....2
 - 3 BOLT MS20009H11.....2
 - 4 BLAST TUBE AND CLOSURE
INSTALLATION 9019994.....1
- SEE FIGURE 50 FOR DETAILS

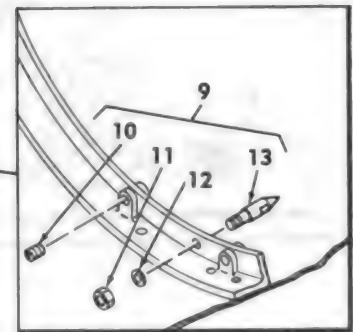
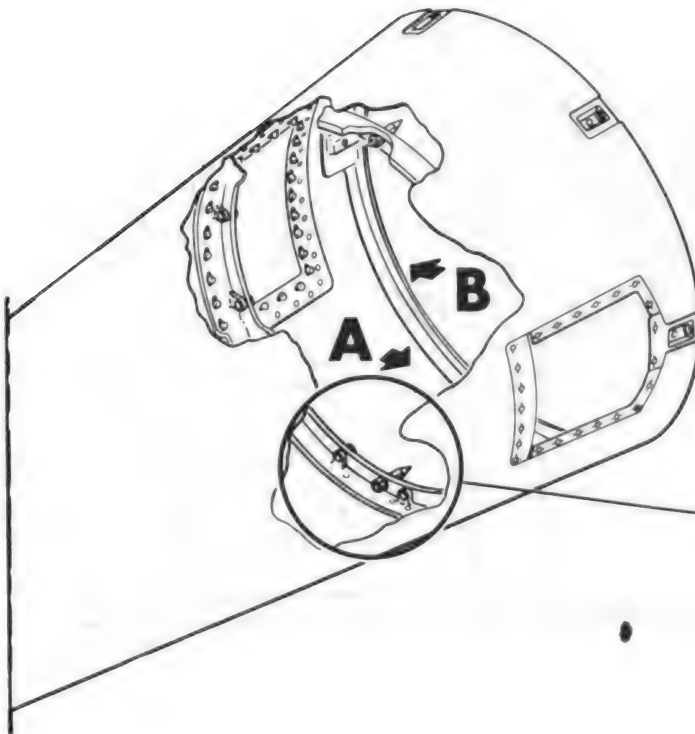
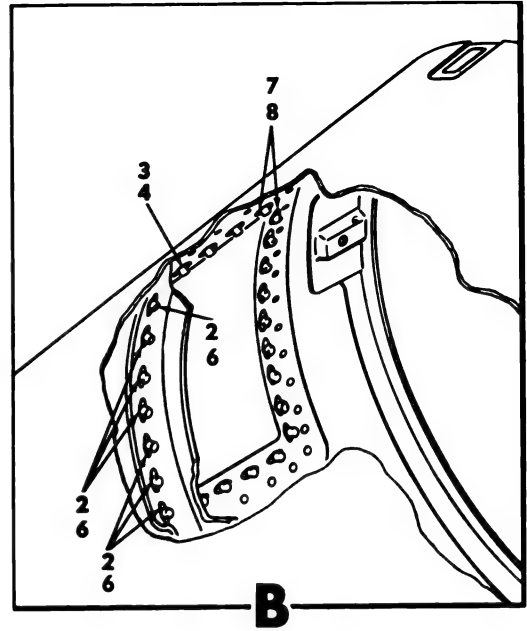
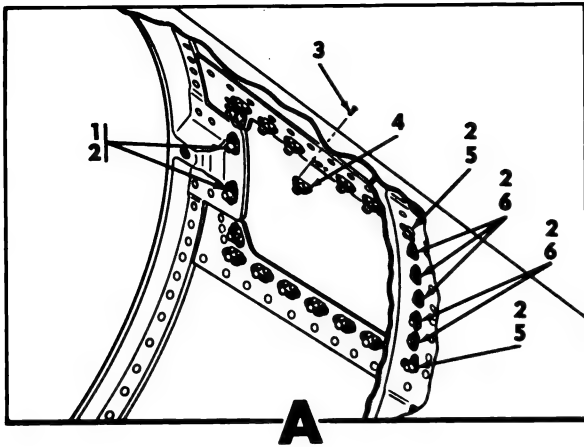
FIGURE 48. BODY ASSEMBLY, AFT /9028293/
/SEE FIGURE 30 FOR NEXT HIGHER ASSEMBLY/



ORD G294710

| | | | | | |
|---|--------------------------|---|-----------------------------------|----|-------------------------|
| 1 | SCREW MS24694S5.....4 | 6 | SUPPORTING ASSEMBLY 8530431.....1 | 10 | NUT MS21083D10.....1 |
| 2 | WASHER AN690-8.....4 | 7 | RING ASSEMBLY 8524921.....1 | 11 | WASHER NAS620-10L.....4 |
| 3 | NUT MS21083N08.....4 | 8 | COUPLING 9028199.....1 | 12 | SCREW NAS221-8.....4 |
| 4 | SCREW MS51958-63.....4 | 9 | HOLDER 8530417.....1 | | |
| 5 | WASHER MS15795-80R.....4 | | | | |

FIGURE 47. NOSE ASSEMBLY, GUIDED MISSILE /9028024/
/SEE FIGURE 43 FOR NEXT HIGHER ASSEMBLY



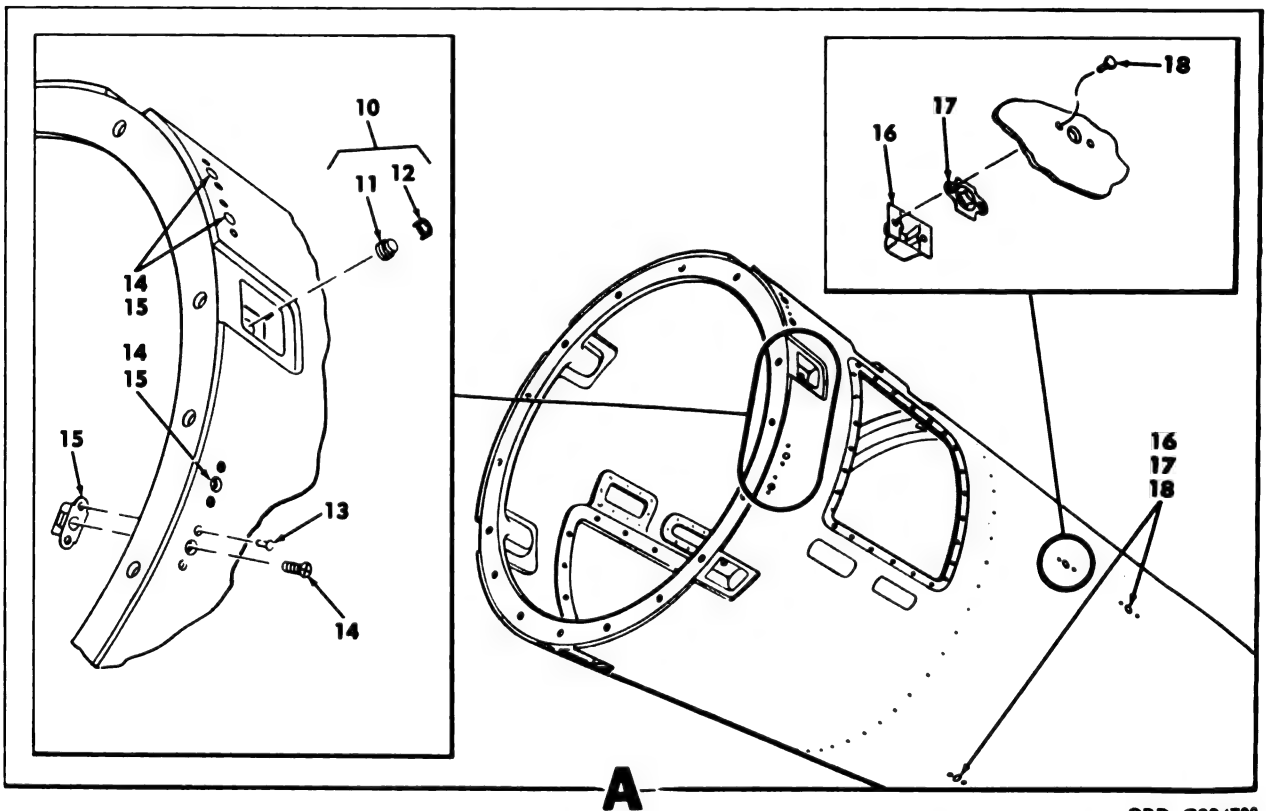
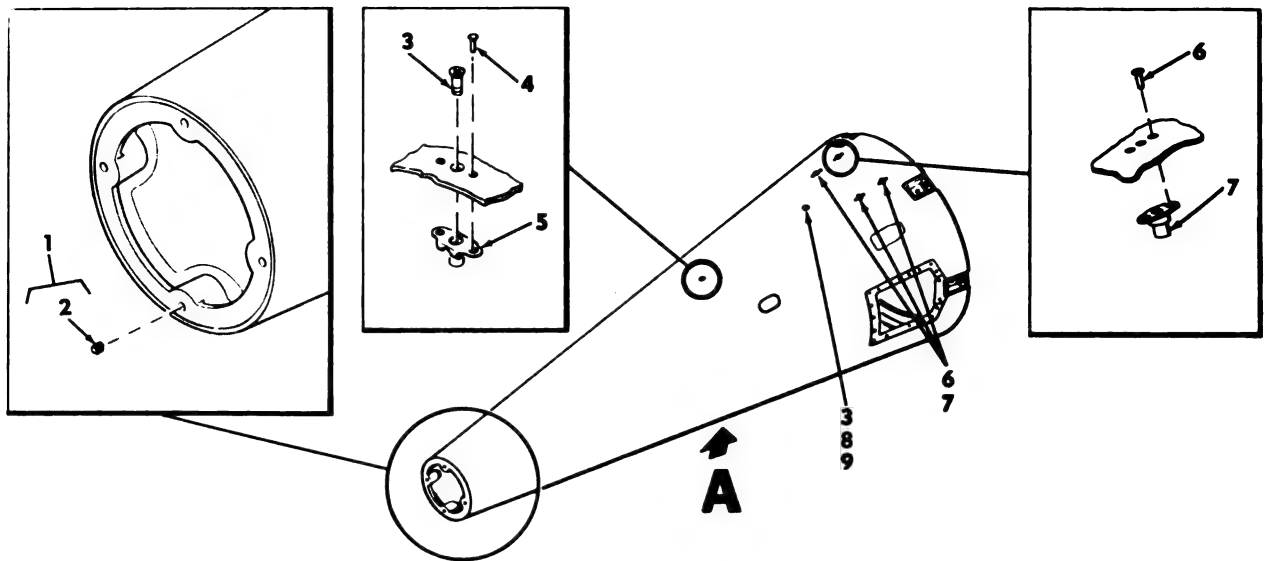
ORD G336842

1 NUT 9018952.....2
2 RIVET MS20426AD3-7.....32
3 RIVET MS20426AD3-6.....58
4 NUT RMS2LHA300682-02.....29
5 NUT 9022060.....2

6 NUT MS21059L3.....12
7 RIVET MS20426AD3-5.....4
8 NUT 9018143.....2
9 SUPPORT 9032841.....1
10 INSERT MS21208F6-15.....8

11 NUT MS21042L6.....2
12 WASHFR AN960C616L.....2
13 STUD 9031931.....2

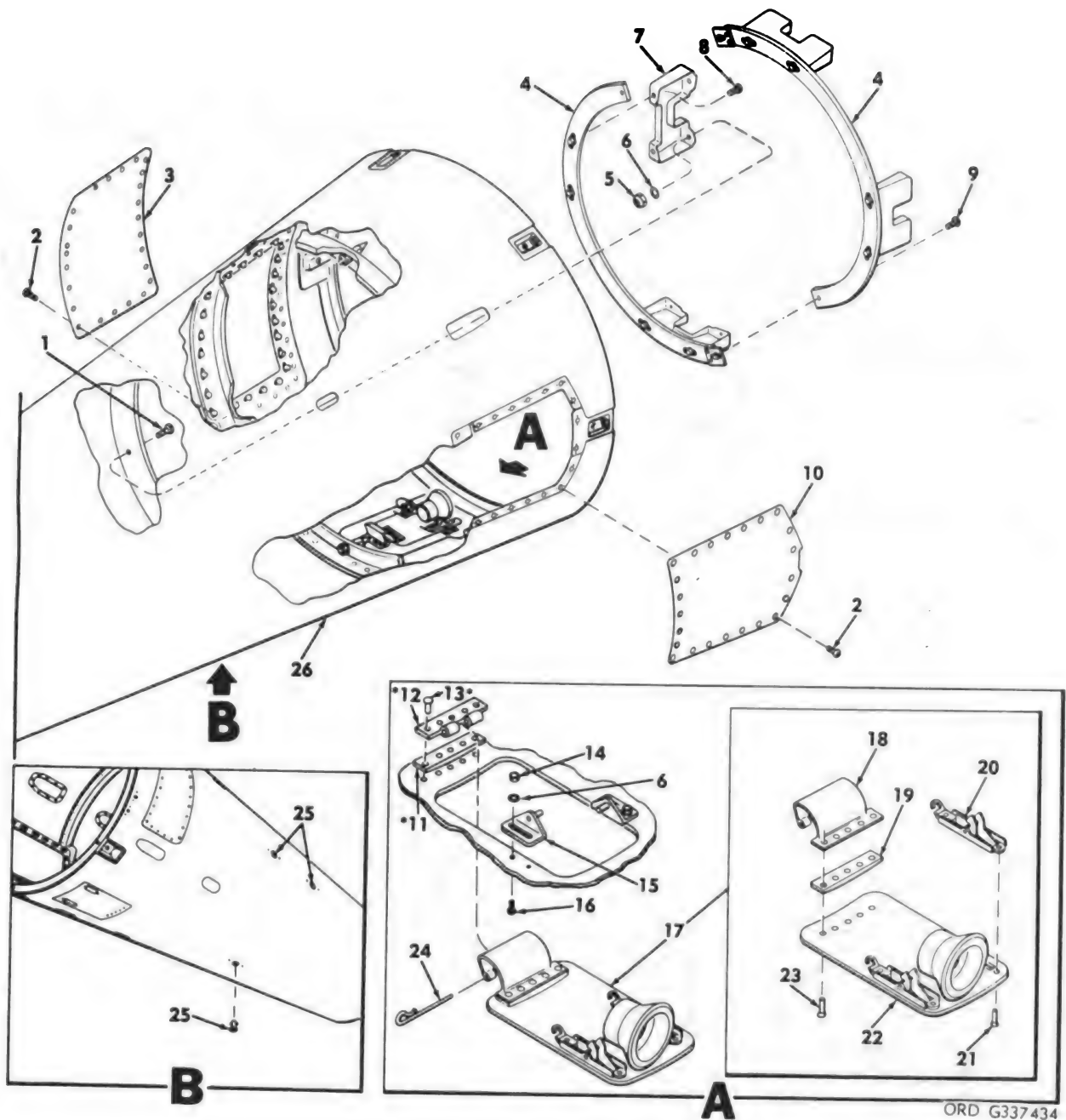
FIGURE 46. BODY SECTION, GUIDED MISSILE /9028130/



ORD G294708

| | | | | | |
|---|--------------------------|----|------------------------------|----|----------------------------|
| 1 | INSERT AND SUPPORT | 7 | NUT 9026134.....4 | 14 | SCREW MS24694S100.....4 |
| 2 | INSERT MS124739.....1 | 8 | RIVET MS20426AD3-9.....2 | 15 | NUT F1967-4.....4 |
| 3 | SCREW 852421A.....2 | 9 | NUT 9033602.....1 | 16 | COVER 9033694.....3 |
| 4 | RIVET MS20426AD3-6.....2 | 10 | FRAME ASSEMBLY 9032646.....1 | 17 | RECEPTACLE 99797P130.....3 |
| 5 | NUT 9018489.....1 | 11 | INSERT MS124695.....6 | 18 | RIVET MS20426AD4-8.....6 |
| 6 | RIVET MS20426AD3-6.....8 | 12 | RING 9018562.....6 | | |
| | | 13 | RIVET MS20426AD3-10.....8 | | |

FIGURE 45. BODY SECTION, GUIDED MISSILE /9028130/
/SEE FIGURE 44 FOR NEXT HIGHER ASSEMBLY/



ORD G337434

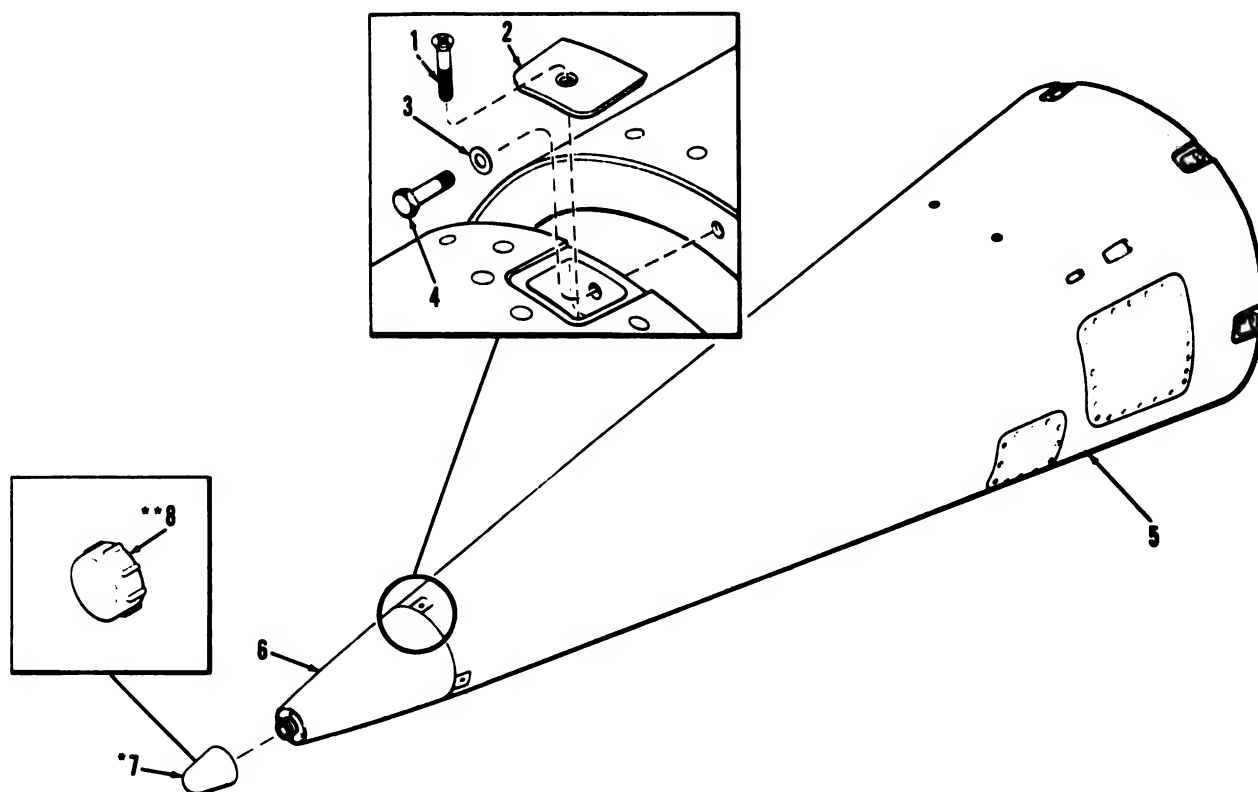
1 SCREW MS51958-62.....8
2 SCREW 9019673.....47
3 COVER 9028167.....1
4 RING HALF 9031866.....2
5 NUT MS21042L3.....8
6 WASHER AN960-10L.....12
7 SUPPORT 8529275.....4
8 BOLT AN3C4A.....8
9 SCREW MS51958-64.....2
10 COVER 9028168.....1

11 PLATE 9025479.....1
12 LEAF 9028214.....1
13 RIVET MS20426AD4-10.....5
14 NUT MS21044N3.....4
15 STRIKE 9025481.....2
16 SCREW MS24694S54.....4
17 DOOR 9025109.....1
18 HINGE 9019504.....1
19 PLATE 9025111.....1
20 LATCH 9025482.....2

21 RIVET MS20426AD4-6.....4
22 COVER 9025110.....1
23 RIVET MS20426AD4-9.....5
24 PIN 9019812.....1
25 STUD ASSEMBLY 9028390.....3
26 BODY SECTION 9028130.....1
SEE FIGURE 45 FOR DETAILS

* COMPONENT OF ITEM 26

FIGURE 44. BODY SECTION, GUIDED MISSILE /9028135/
/SEE FIGURE 43 FOR NEXT HIGHER ASSEMBLY/



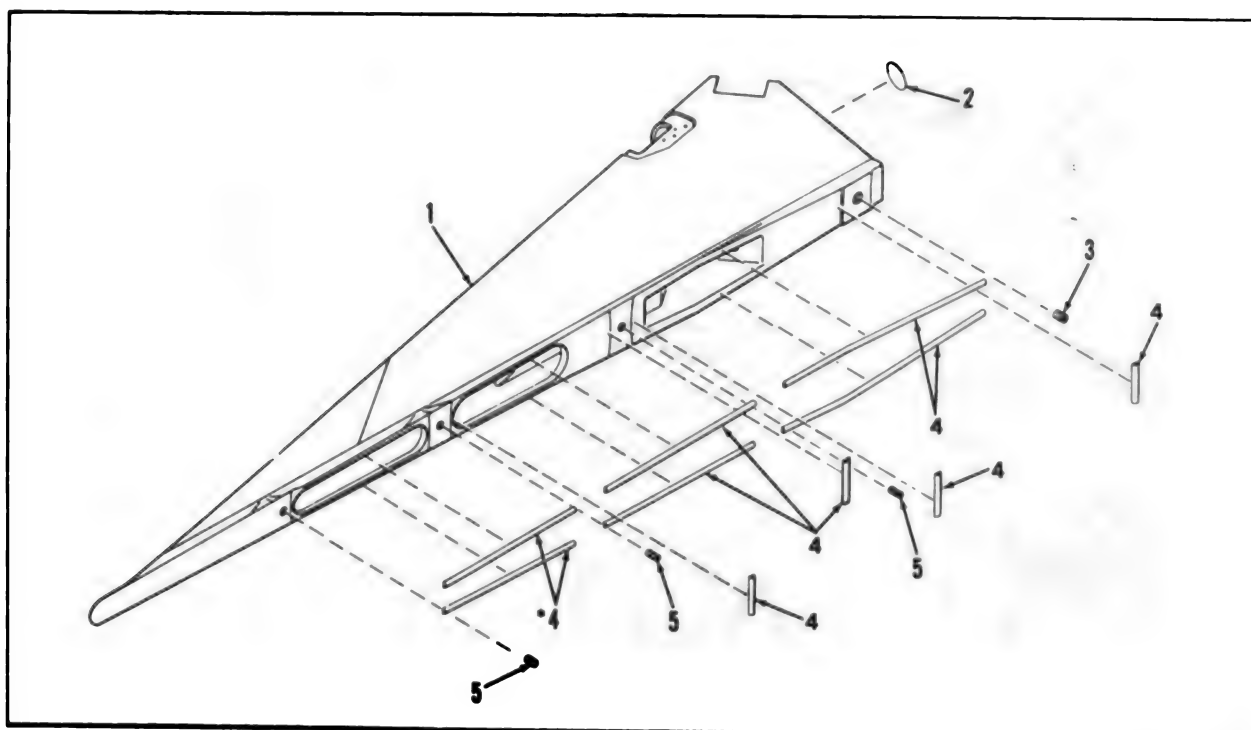
ORD G294700

1 SCREW MS24694S60.....4
2 COVER PLATE 8530461.....4
3 WASHER AN960C416L.....4
4 BOLT AN4-6A.....4
5 BODY SECTION 902H135.....1
SEE FIGURE 44 FOR DETAILS

6 NOSE ASSEMBLY 9028024.....1
SEE FIGURE 47 FOR DETAILS
7 NOSE TIP 8524930.....1
8 CAP 9019819.....1

• FOR SECTION ASSEMBLY 8530476
WITH SERIAL NO. 20150 AND UP
•• FOR SECTION ASSEMBLY 8530476
WITH SERIAL NO. 14965-20149

FIGURE 43. SECTION ASSEMBLY, NOSE /8530476/
/SEE FIGURE 34 FOR NEXT HIGHER ASSEMBLY/

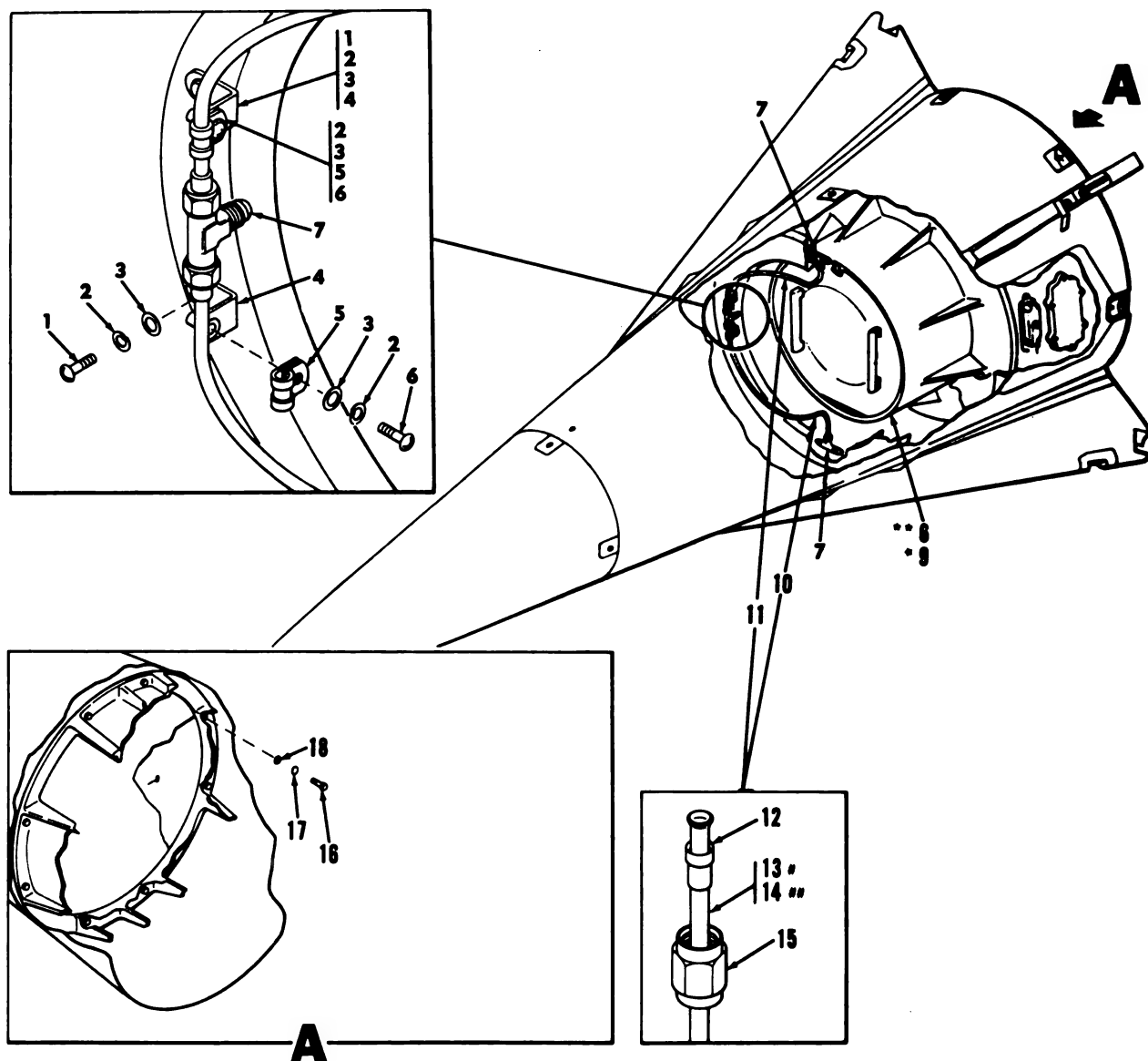


ORD G294699

- 1 FIN 9034849.....1
- 2 DISK 8530353.....1
- 3 INSERT MS2120MF6-15.....1
- 4 RUBBER SPECIAL SHAPED
SECTION R163092.....*
- 5 INSERT MS2120MF4-15.....3

* FOR FIN 9031879 WITH
SERIAL NO. 14965-17055

FIGURE 42. FIN, STABILIZER, GUIDED MISSILE /9031879/
/SEE FIGURE 34 FOR NEXT HIGHER ASSEMBLY/



MI 39351

1 SCREW MS35206-246.....2
 2 WASHER MS35338-42.....4
 3 WASHER AN960-BL.....4
 4 BRACKET 9028123.....2
 5 CLAMP MS21919WDG3.....2
 6 SCREW MS35206-245.....2
 7 TEE AN824-3D.....3
 8 MISSILE GUIDANCE SET
 AN/DPW-18A 9149099.....1
 SEE TM9-1410-250-24P-2-2
 FOR DETAILS

9 MISSILE GUIDANCE SET
 AN/DPW-21 10666975.....1
 SFE TM9-1410-250-24P-2-2
 FOR DETAILS
 10 TUBE ASSEMBLY 9034676.....1
 11 TUBF ASSEMBLY 9034675.....1
 12 SLEEVE MS20819-3D.....2
 13 PIPE 9034676-3.....1
 14 PIPE 9034675-3.....1
 15 NUT AN818-3D.....2
 16 BOLT NAS13C6-8.....8

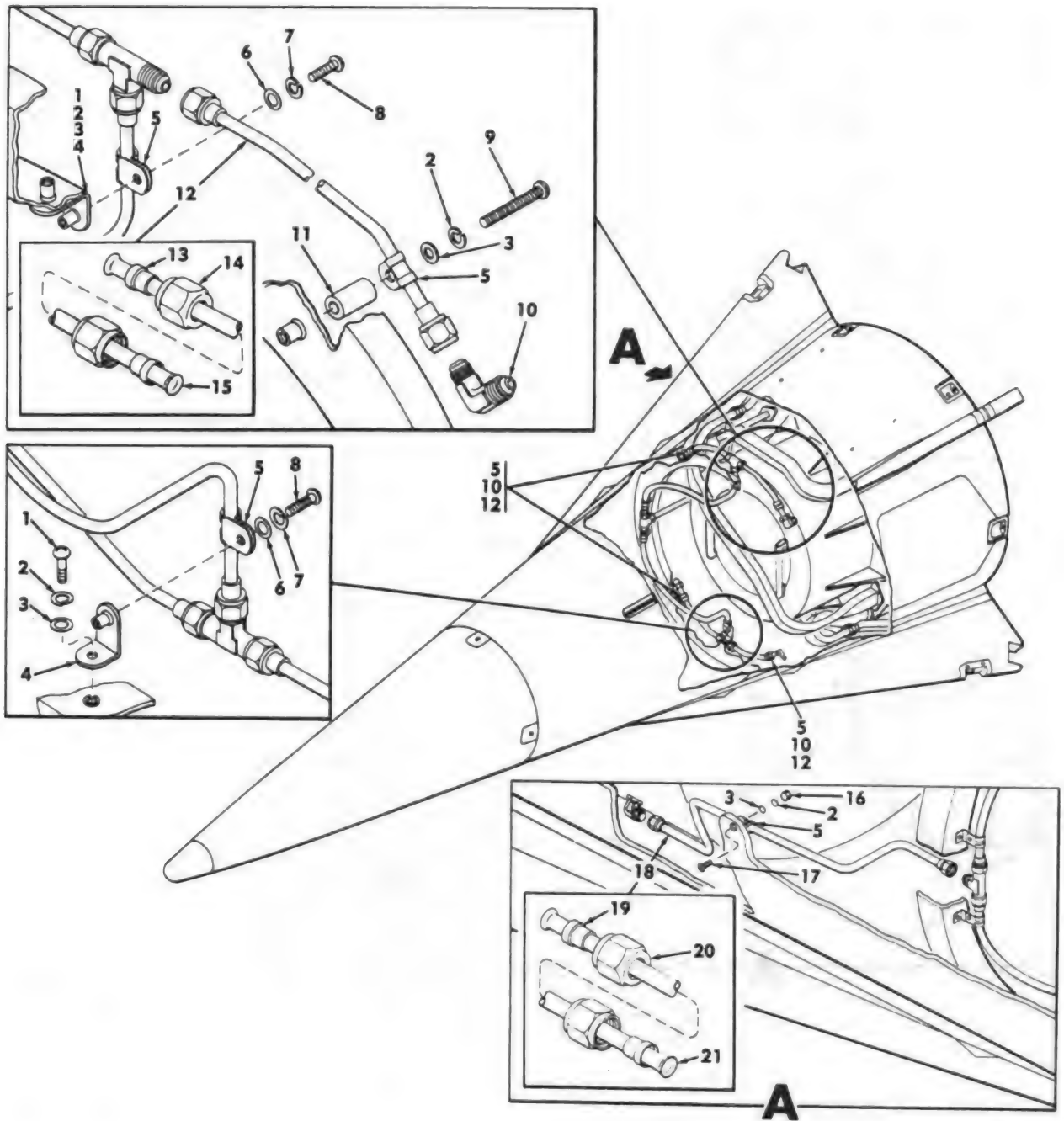
17 WASHER MS35338-46.....8
 18 WASHER AN960-616L.....8

* FOR EQUIPMENT INSTALLATION
 9979613

** FOR EQUIPMENT INSTALLATION
 9020575

COMPONENT OF ITEM 10
 ## COMPONENT OF ITEM 11

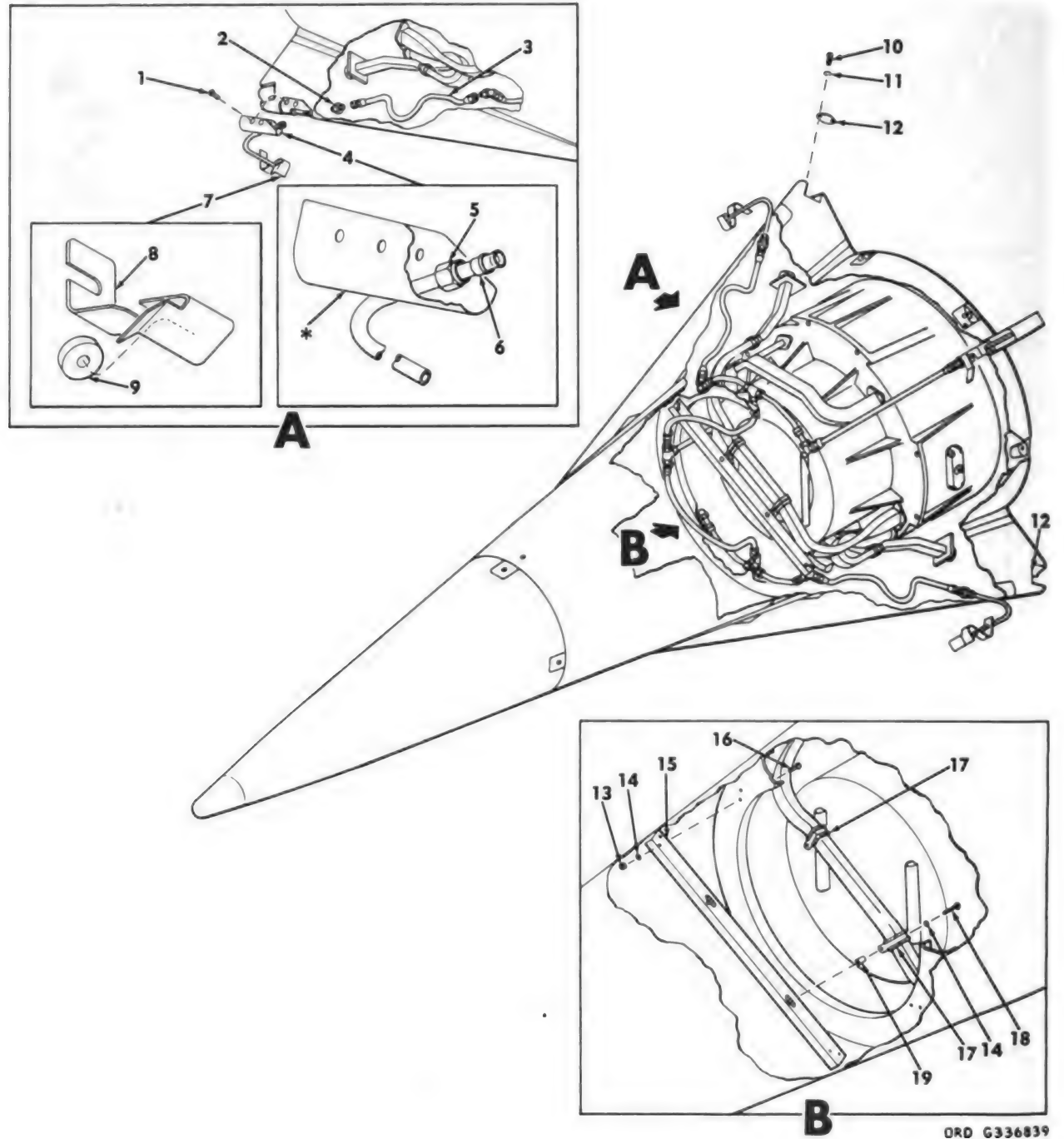
FIGURE 41. EQUIPMENT INSTALLATION, FORWARD BODY ASSEMBLY /9020575 AND 9979613/



MI 39350

| | | |
|---------------------------|--------------------------------|--------------------------------|
| 1 SCREW MS35206-245.....2 | 8 SCREW MS35207-264.....2 | 15 PIPE 9034673-3.....1 |
| 2 WASHER MS35338-42.....7 | 9 SCREW MS35206-250.....4 | 16 NUT MS21044N09.....1 |
| 3 WASHER AN960-8L.....7 | 10 ELBOW MS24401D3.....4 | 17 SCREW MS24693550.....1 |
| 4 BRACKET 902805A.....2 | 11 BUSHING NAS43003-44.....4 | 18 TUBE ASSEMBLY 9034674.....1 |
| 5 CLAMP MS21919MDG3.....7 | 12 TUBE ASSEMBLY 9034673.....4 | 19 SLEEVE MS20819-3D.....2 |
| 6 WASHER AN960-10L.....2 | 13 SLEEVE MS20819-3D.....2 | 20 NUT ANB18-3D.....2 |
| 7 WASHER MS35338-43.....2 | 14 NUT ANB18-3D.....2 | 21 PIPE 9034674-3.....1 |

FIGURE 40. EQUIPMENT INSTALLATION. FORWARD BODY ASSEMBLY /9020575 AND 9979613/

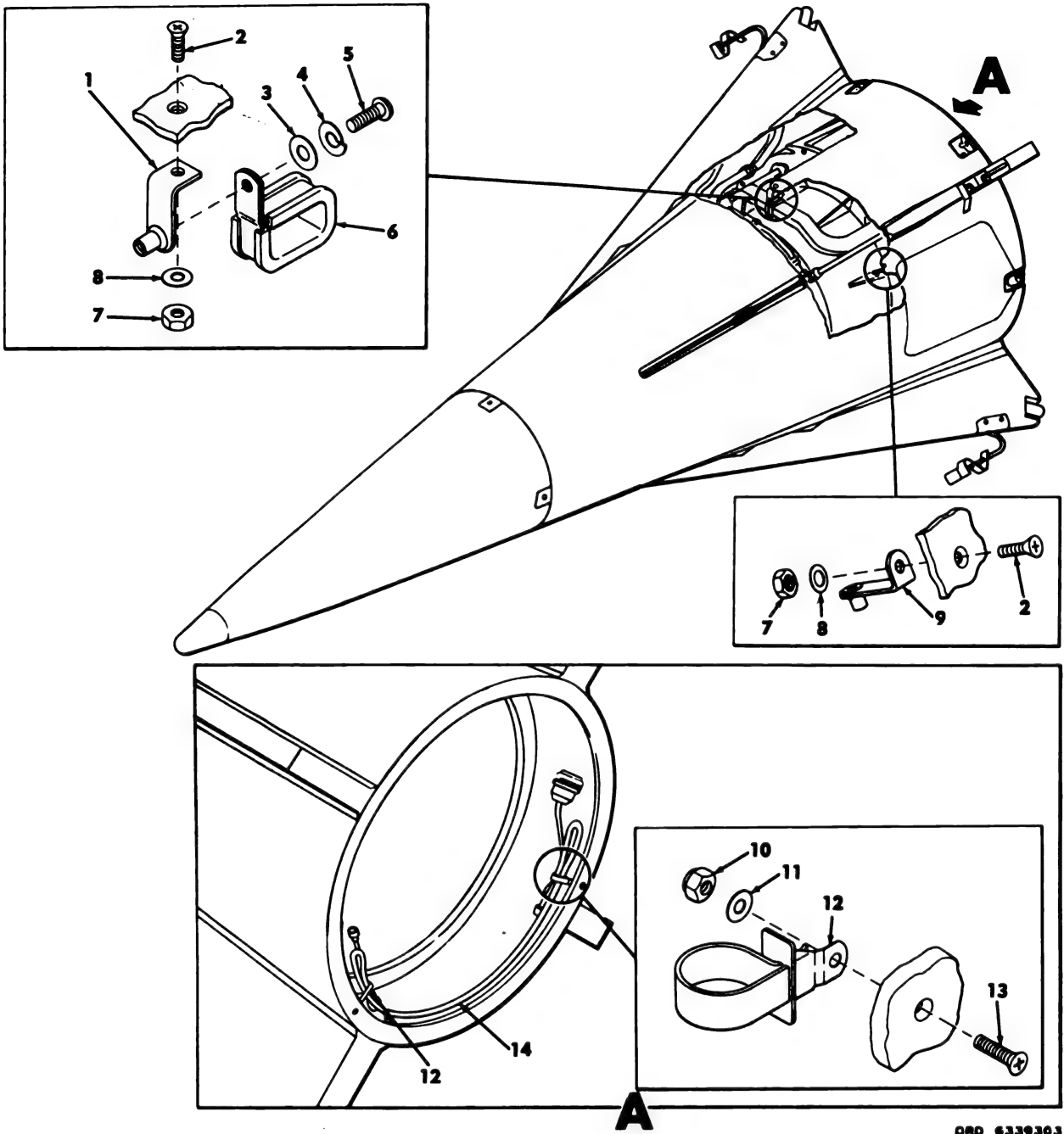


ORD G336839

| | | | | | |
|---|--------------------------------|----|-------------------------|----|--------------------------|
| 1 | SCREW NAS221-B.....16 | 9 | PAD 8530395-9.....1 | 17 | CLAMP 9026133.....2 |
| 2 | REDUCER MS2439903.....4 | 10 | SCREW MS35206-267.....4 | 18 | SCREW MS35206-332.....2 |
| 3 | HOSE ASSEMBLY 9018287.....4 | 11 | WASHER MS35338-43.....4 | 19 | SPACER NAS43003-40.....2 |
| 4 | PROBE ASSEMBLY 9025404.....4 | 12 | COVER 9028097.....2 | | |
| 5 | NUT AN818-40.....1 | 13 | NUT MS21044N08.....4 | | |
| 6 | SLEEVE MS20819-4.....6 | 14 | WASHER AN960-BL.....6 | | |
| 7 | CLOSURE ASSEMBLY 8530395.....4 | 15 | BRACKET 9031782.....1 | | |
| 8 | CLIP 8530395-3.....1 | 16 | SCREW MS35206-245.....4 | | |

* COMPONENT OF ITEM 4

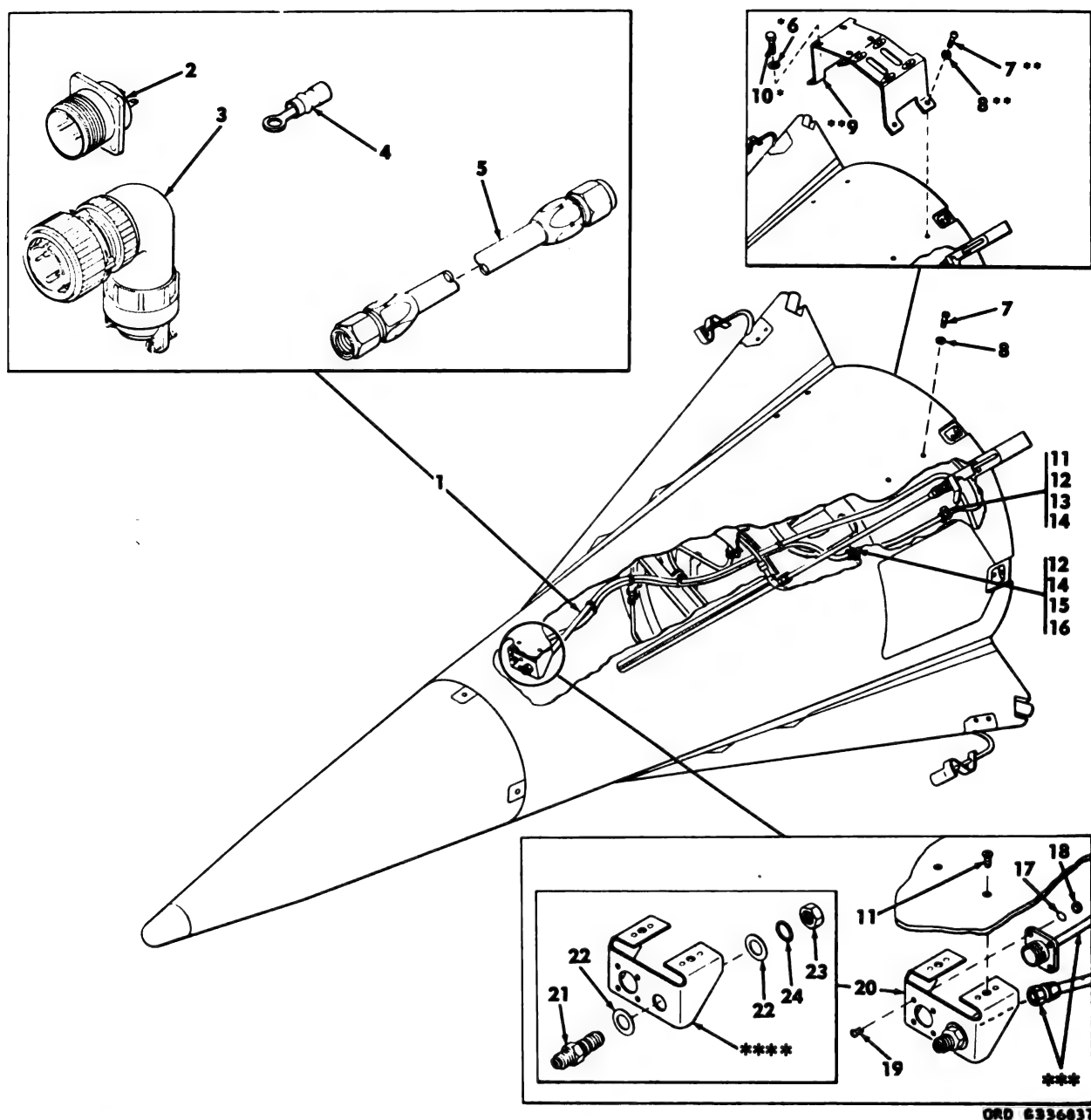
FIGURE 39. EQUIPMENT INSTALLATION, FORWARD BODY ASSEMBLY /9020575 AND 9979613/



ORD 6339363

| | | |
|---------------------------|---------------------------|---------------------------------|
| 1 BRACKET 9028320.....1 | 7 NUT MS21044N08.....2 | 13 SCREW MS24693S274.....2 |
| 2 SCREW MS24693S590.....2 | 8 WASHER AN960-8L.....2 | 14 WIRING HARNESS 8530408.....1 |
| 3 WASHER AN960-10L.....1 | 9 BRACKET 9019674.....1 | SEE FIGURE 171, NUMBER 4 |
| 4 WASHER MS35338-43.....1 | 10 NUT MS21044N3.....2 | FOR DETAILS |
| 5 SCREW MS35207-264.....1 | 11 WASHER AN960-10L.....2 | |
| 6 CLAMP 9026132.....1 | 12 STRAP 9026144.....2 | |

FIGURE 38. EQUIPMENT INSTALLATION, FORWARD BODY ASSEMBLY /9020575 AND 9979613/



ORD 6336837

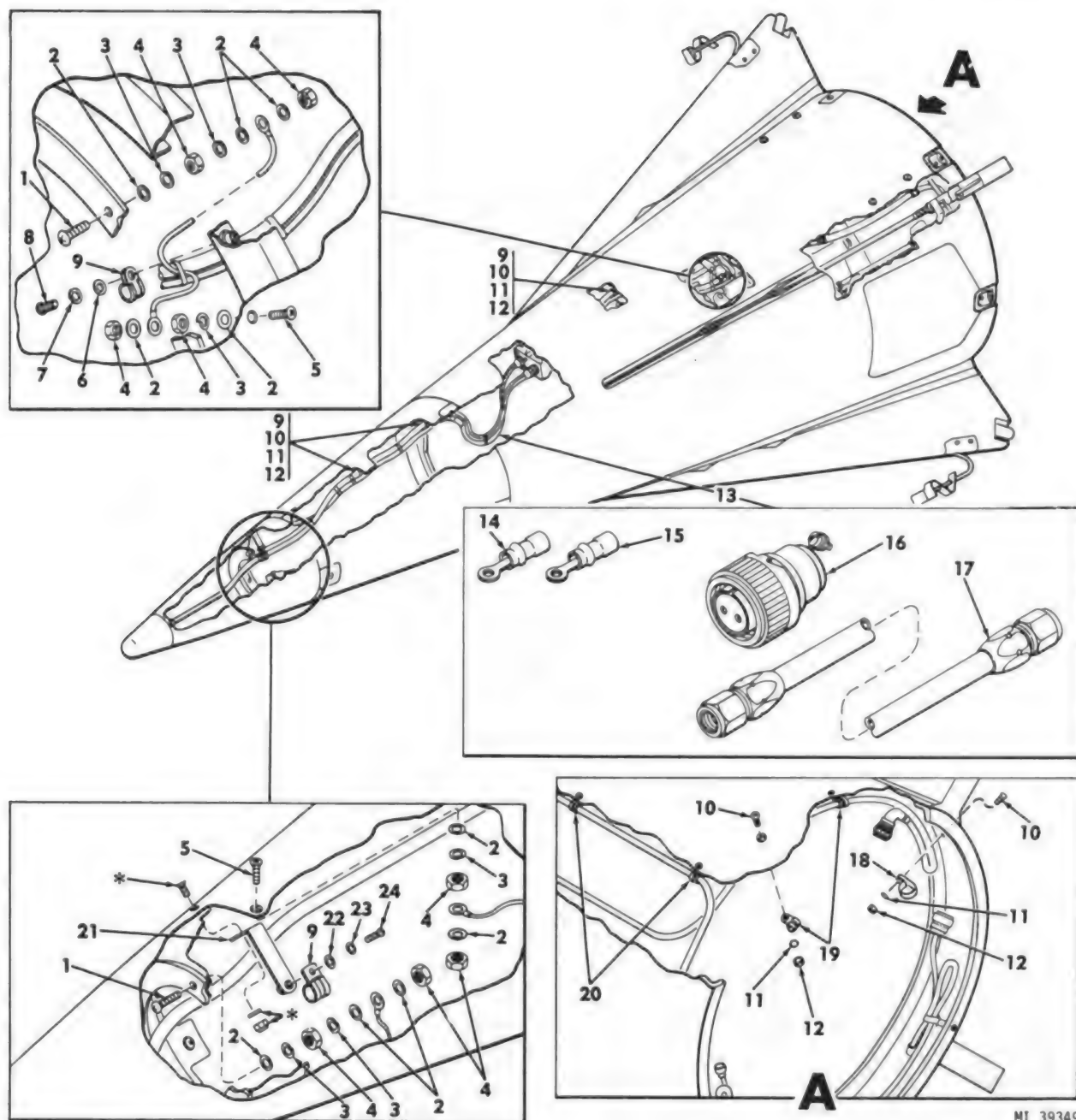
1 HOSE AND CABLE ASSEMBLY
RAM 8530415.....1
2 CONNECTOR
MS3102R10SL4P.....1
3 CONNECTOR MS3108F16-
9P.....1
4 TERMINAL MS25036-149....2
5 HOSE ASSEMBLY
9018720.....1
6 WASHER AN960-10L.....4
7 SCREW MS35206-246.....4
8 WASHER AN960-8L.....4
9 BRACKET 902M400.....1

10 BOLT AN3C6A.....4
11 SCREW MS24693S50.....3
12 WASHER AN960-8L.....2
13 NUT MS21044N08.....1
14 CLAMP NAS1397K4N.....2
15 SCREW MS35206-246.....1
16 WASHER MS35338-42.....1
17 WASHER MS27183-4.....4
18 NUT MS21044D04.....4
19 SCREW MS35206-215.....4
20 BRACKET AND COUPLING
8530487.....1
21 NIPPLE MS24393D4.....1

22 WASHER AN960PD/10L.....2
23 LOCKNUT AN6289D4.....1
24 PACKING 8034446.....1

* USED TO ATTACH SEQUENTIAL
TIMER TO ITEM 9
** INSTALLED FOR SHIPPING AND
TESTING OF FAIL SAFE DEVICE
AND SEQUENTIAL TIMER
*** COMPONENT OF ITEM 1
**** COMPONENT OF ITEM 20

FIGURE 37. EQUIPMENT INSTALLATION, FORWARD BODY ASSEMBLY /9020575 AND 9979613/

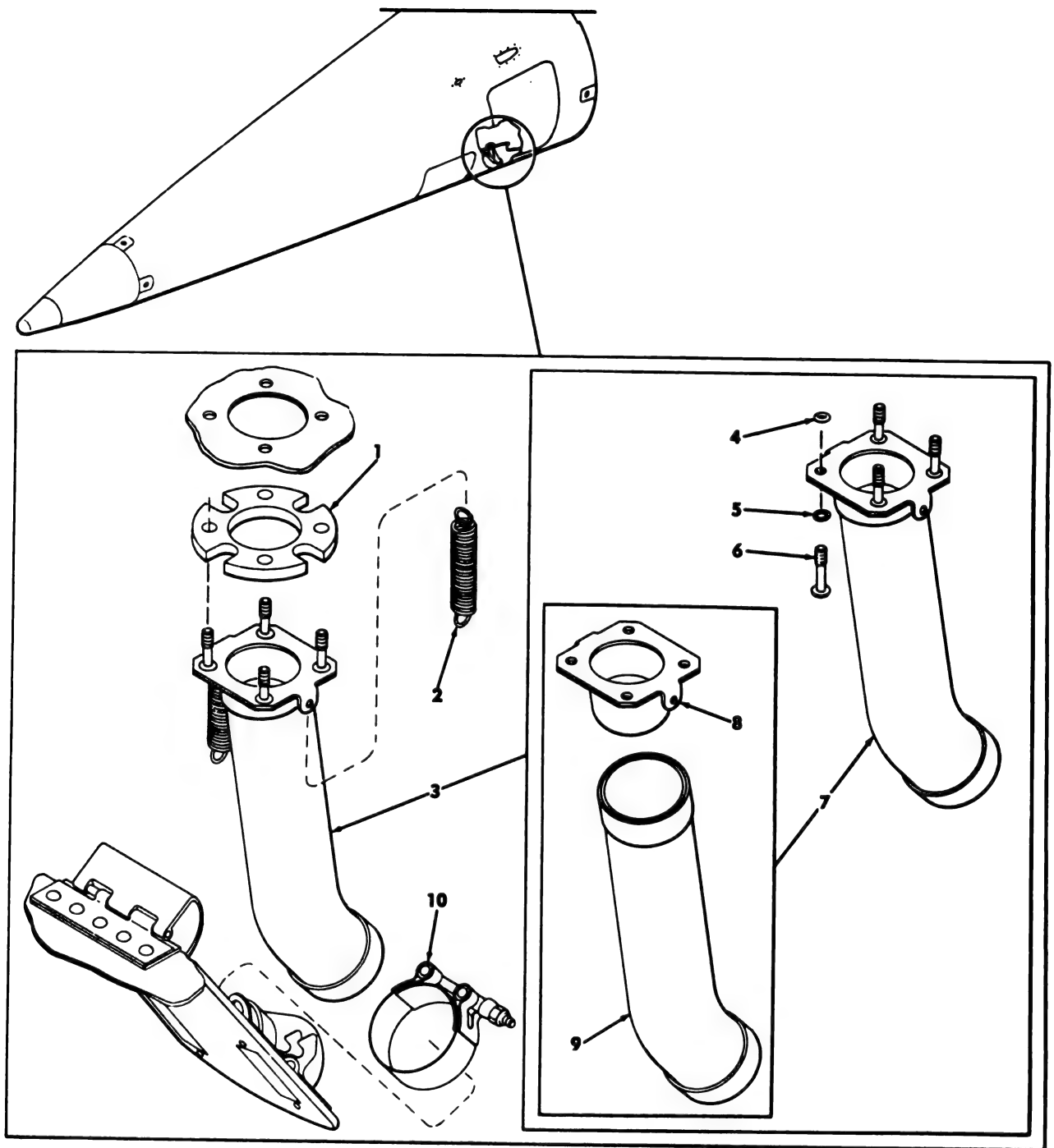


MI 39349

| | | | | | |
|----|--------------------------|----|------------------------------|----|-------------------------|
| 1 | SCREW MS35206-247.....2 | 11 | WASHER AN960-8L.....8 | 20 | CLAMP NAS1397P6N.....2 |
| 2 | WASHER AN960-8L.....10 | 12 | NUT MS21044N08.....8 | 21 | BRACKET 9028081.....1 |
| 3 | WASHER MS35338-42.....6 | 13 | WIRING HARNESS 8530414.....1 | 22 | WASHER AN960-10L.....1 |
| 4 | NUT MS35649-282.....8 | 14 | TERMINAL MS29036-103.....1 | 23 | WASHER MS35338-43.....1 |
| 5 | SCREW MS24693551.....2 | 15 | TERMINAL MS29036-149.....1 | 24 | SCREW MS35207-262.....1 |
| 6 | WASHER AN960-10L.....1 | 16 | CONNECTOR 9026168.....1 | | |
| 7 | WASHER MS35338-43.....1 | 17 | HOSE ASSEMBLY 9026145.....1 | | |
| 8 | SCREW MS35207-264.....1 | 18 | CLAMP NAS1397P6N.....1 | | |
| 9 | CLAMP MS21919WDG10.....5 | 19 | CLAMP NAS1397R5.....2 | | |
| 10 | SCREW MS24693550.....8 | | | | |

* COMPONENT OF NOSE SECTION
9028024

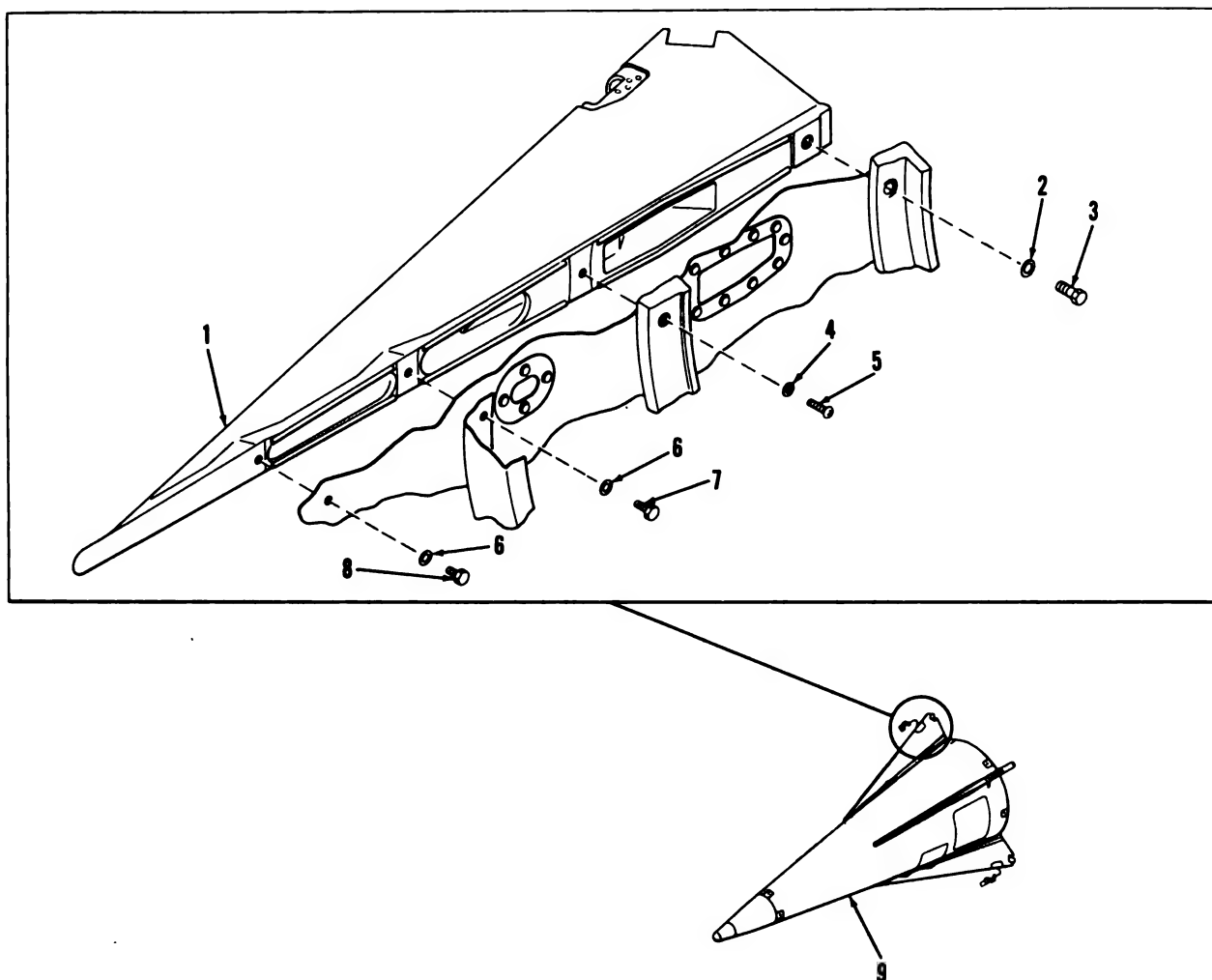
FIGURE 36. EQUIPMENT INSTALLATION, FORWARD BODY ASSEMBLY /9020575 AND 9979613/
/SEE FIGURE 33 FOR NEXT HIGHER ASSEMBLY/



ORD G294684

| | | |
|-------------------------------|-------------------------------|------------------------|
| 1 GASKET 9031827.....1 | 5 WASHER MS35338-42.....4 | 8 FLANGE 9031568.....1 |
| 2 SPRING 9029112.....2 | 6 SCREW MS25087-2.....4 | 9 HOSE 9031837.....1 |
| 3 HOSE ASSEMBLY 8521884.....1 | 7 HOSE ASSEMBLY 8521883.....1 | 10 CLAMP 9018245.....1 |
| 4 PACKING 9131381.....4 | | |

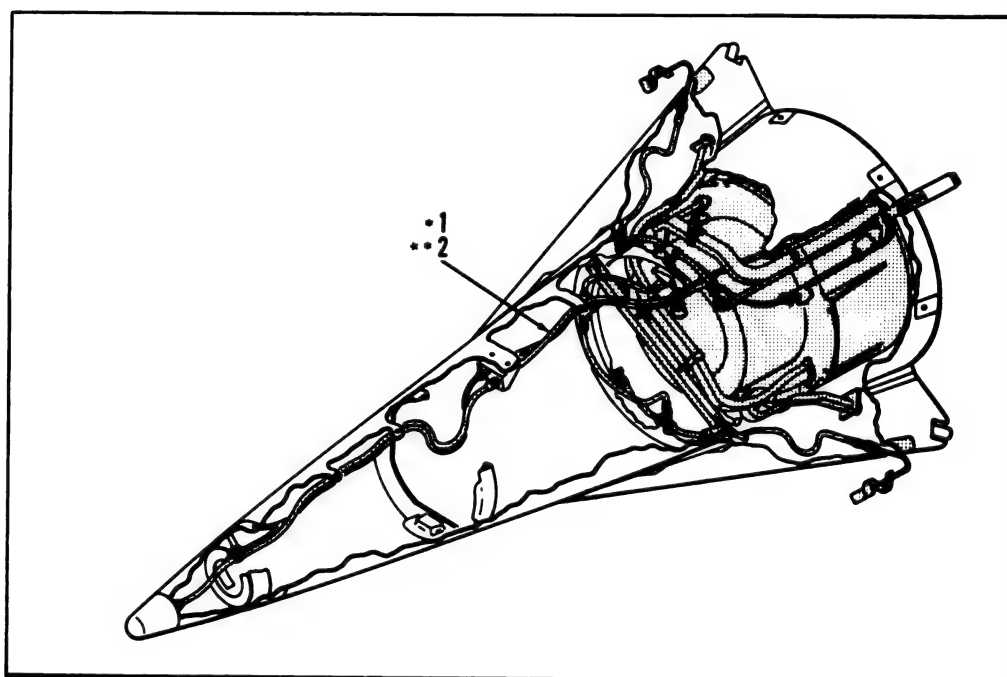
FIGURE 35. GUIDANCE COOLING SYSTEM INSTALLATION, MISSILE SIDE /9031793/
/SEE FIGURE 31 FOR NEXT HIGHER ASSEMBLY/



ORD G336833

| | | |
|---------------------------|----------------------------|----------------------------------|
| 1 FIN 9031879.....4 | 4 WASHER NAS620A416L.....4 | 8 BOLT AN4-4A.....4 |
| SEE FIGURE 42 FOR DETAILS | 5 SCREW NAS222-14.....4 | 9 SECTION ASSEMBLY 8530476.....1 |
| 2 WASHER AN960-616L.....4 | 6 WASHER NAS960-416L.....8 | SEE FIGURE 43 FOR DETAILS |
| 3 BOLT AN6-10A.....4 | 7 BOLT AN4-5A.....4 | |

FIGURE 34. BODY ASSEMBLY, FORWARD /8530475 AND 9979609/

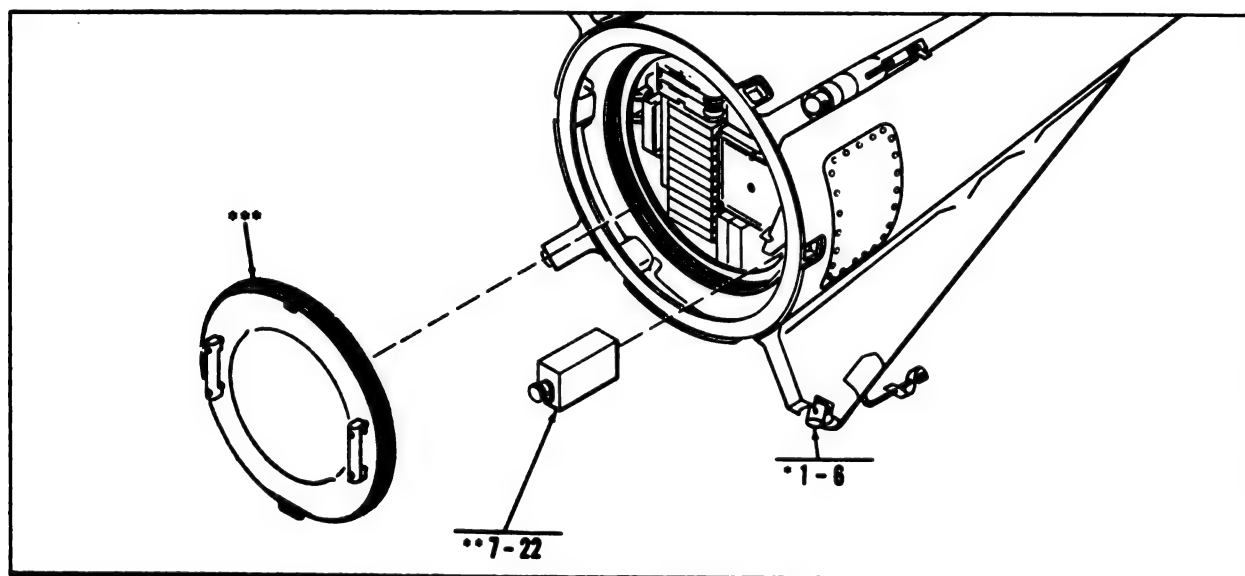


ORD G294682

- 1 EQUIPMENT INSTALLATION
9020575.....1
SEE FIGURE 36 FOR DETAILS
- 2 EQUIPMENT INSTALLATION
9979613.....1
SEE FIGURE 36 FOR DETAILS

* FOR BODY ASSEMBLY 8530475
** FOR BODY ASSEMBLY 9979608

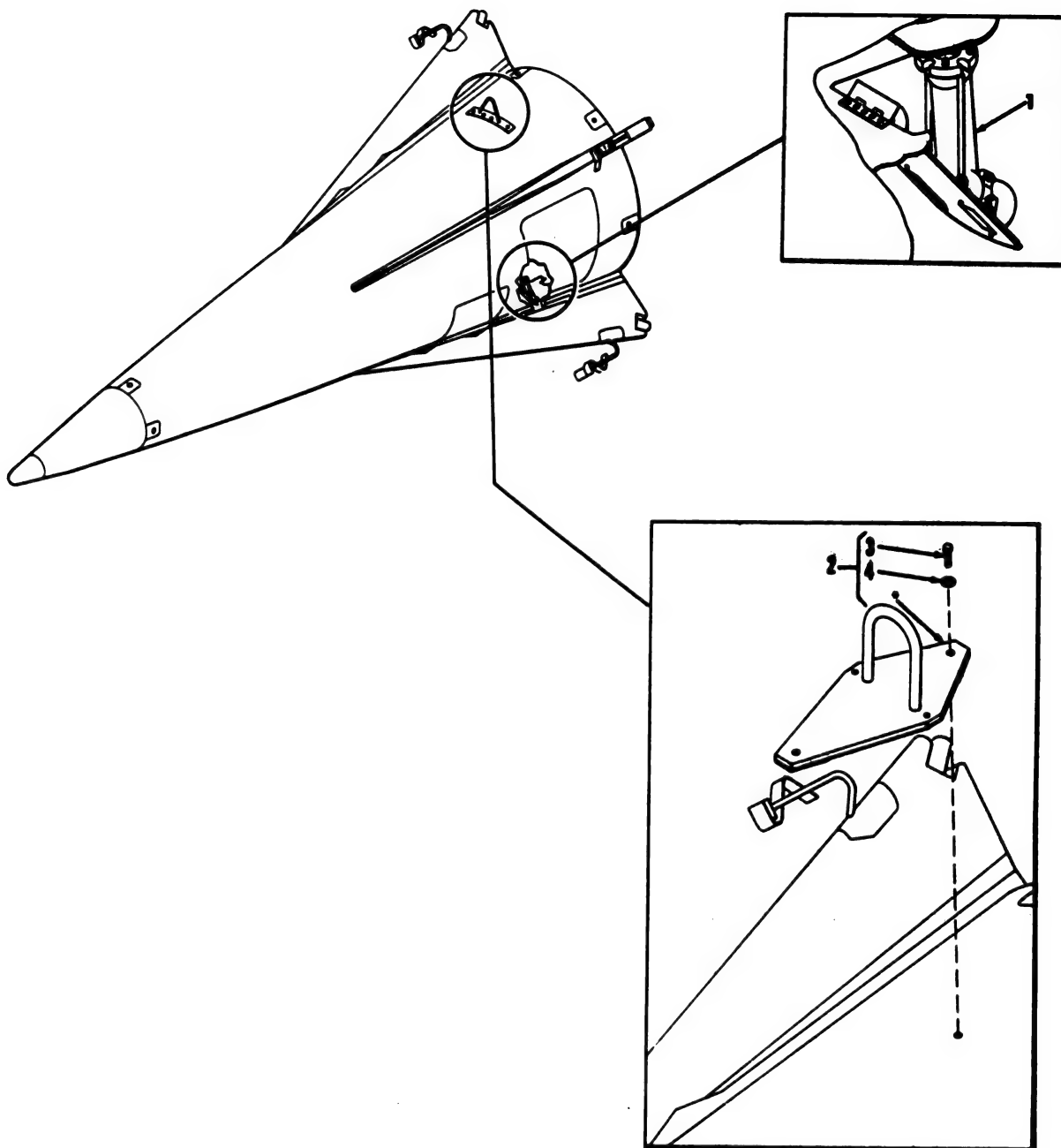
FIGURE 33. BODY ASSEMBLY, FORWARD /8530475 AND 9979608/



ORU G336832

| | | |
|-----------------------------|-----------------------------|---|
| 1 HORN 8520831.....4 | 11 DELAY LINE 9007616.....1 | 21 DELAY LINE 9007626.....1 |
| 2 HORN 8520832.....4 | 12 DELAY LINE 9007617.....1 | 22 DELAY LINE 9007627.....1 |
| 3 HORN 8520833.....4 | 13 DELAY LINE 9007618.....1 | |
| 4 HORN 8520834.....4 | 14 DELAY LINE 9007619.....1 | |
| 5 HORN 8520835.....4 | 15 DELAY LINE 9007620.....1 | |
| 6 HORN 8520836.....4 | 16 DELAY LINE 9007621.....1 | |
| 7 DELAY LINE 9007574.....1 | 17 DELAY LINE 9007622.....1 | |
| 8 DELAY LINE 9007613.....1 | 18 DELAY LINE 9007623.....1 | |
| 9 DELAY LINE 9007614.....1 | 19 DELAY LINE 9007624.....1 | |
| 10 DELAY LINE 9007615.....1 | 20 DELAY LINE 9007625.....1 | |
| | | * SELECT FOR USE WITH TRANSPONDER 10666973 |
| | | ** MAY BE ONE OF ANY LISTED |
| | | *** COMPONENT OF TRANSPONDER 10666973 |

FIGURE 32. BODY ASSEMBLY, FORWARD /R530475 AND 9979609/

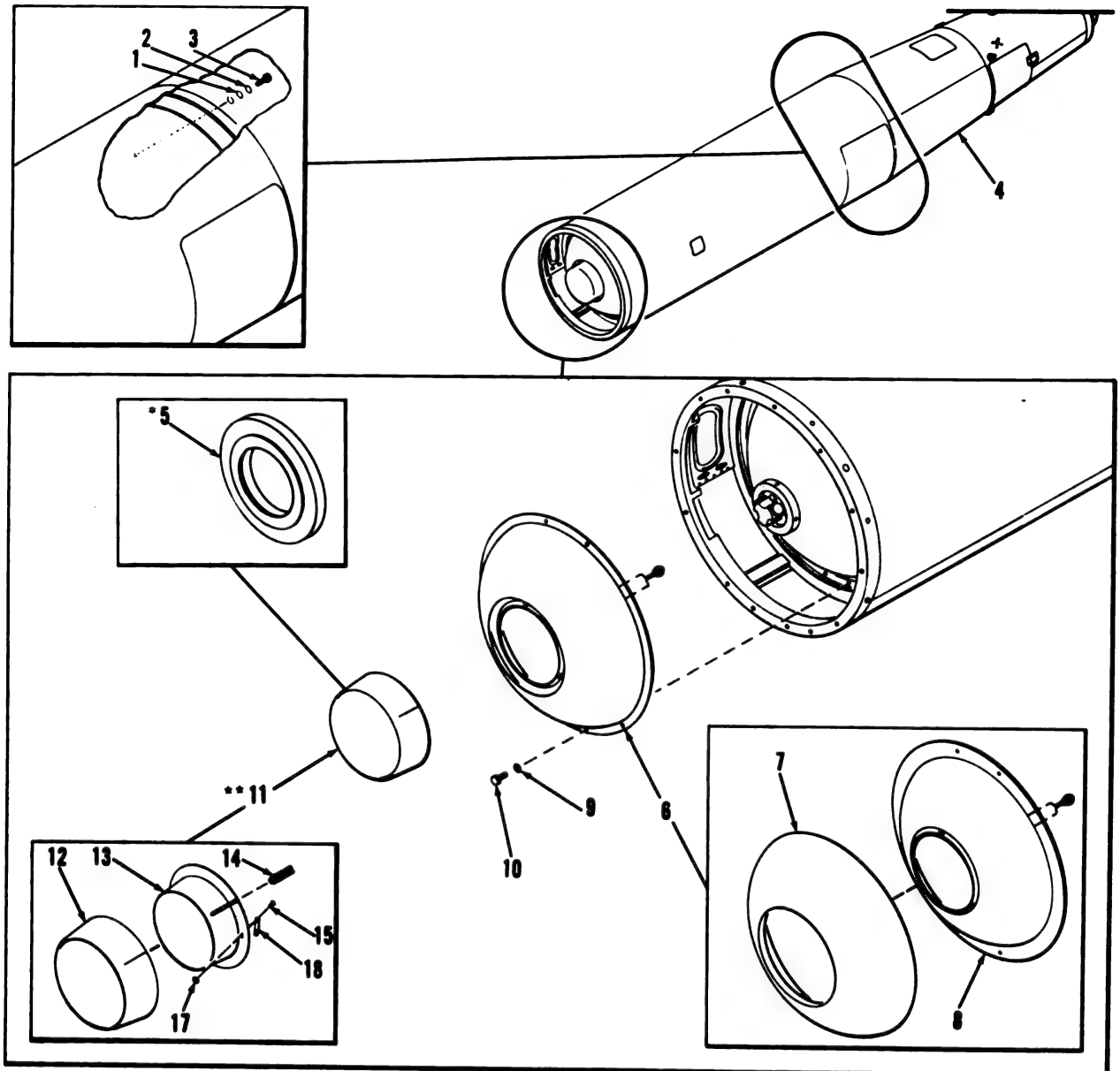


ORD G294681

- 1 GUIDANCE COOLING SYSTEM
9031793.....1
SEE FIGURE 35 FOR DETAILS
- 2 ADAPTER 9028292.....1
 - 1 SCREW MS90726-9.....2
 - 4 WASHER MS27183-10.....2

* COMPONENT OF ITEM 2

FIGURE 31. BODY ASSEMBLY, FORWARD /8530475 AND 9979608/
/SEE FIGURE 29 FOR NEXT HIGHER ASSEMBLY/



ORD G294680

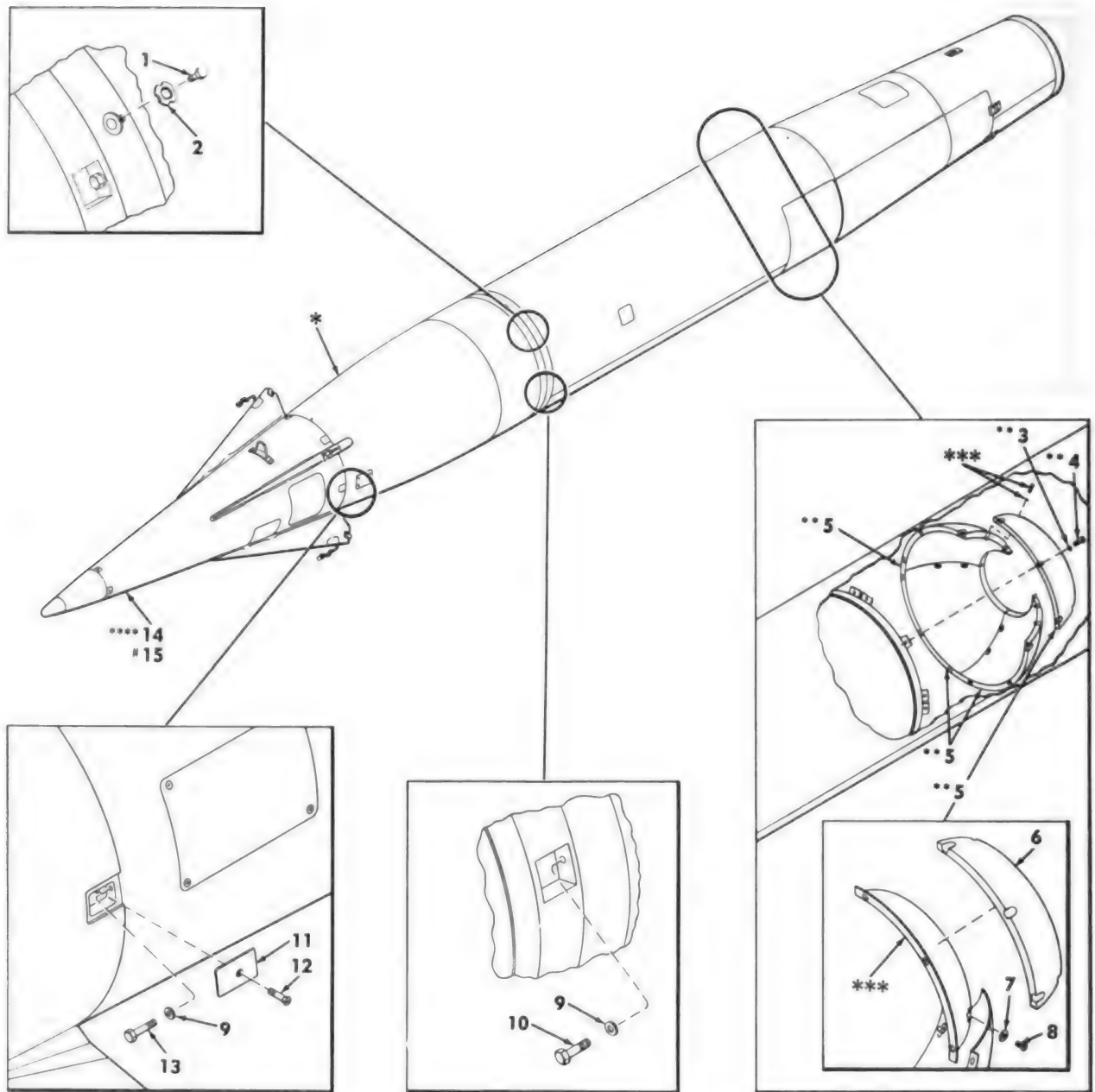
1 WASHER 9032063.....8
2 WASHER 51521.....9
3 BOLT AN7-13A.....8
4 BODY ASSEMBLY 902R293.....1
SEE FIGURE 48 FOR DETAILS
5 INSULATOR ASSEMBLY.....1
9978376.....1
6 HEATING ELEMENT 9032056.....1
7 INSULATOR 9028070.....1
8 HEATER 9030305.....1

9 WASHER NAS549-4.....4
10 BOLT AN177-5A.....4
11 INSULATION 9032022.....1
12 INSULATOR 9032094.....1
13 CAP 9032022-3.....1
14 RUBBER CHANNEL
9032066.....*
15 RIVET MS20470A3-3.....6
16 CLIP 9032022-9.....3
17 WASHER AN960PD3.....6

* FOR SHIPPING KIT 8530406 AND
9979611 WITH SERIAL NO.
17056 AND UP

** FOR SHIPPING KIT 8530406 AND
9979611 WITH SERIAL NO.
14965-17055

FIGURE 30. SHIPPING KIT, FORWARD AND AFT BODY ASSEMBLY, INSTALLED /8530406 AND 9979611/



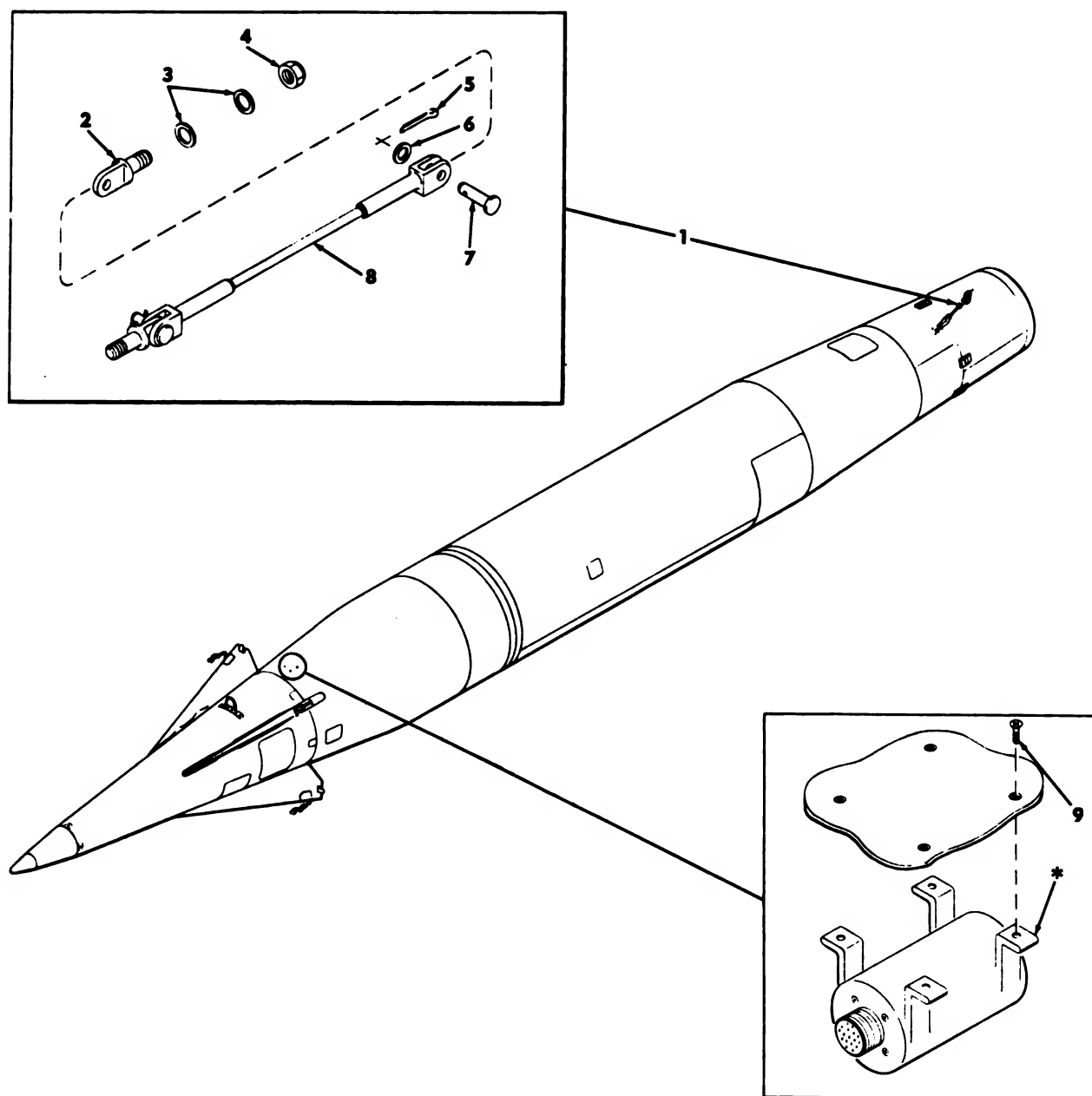
MI 39348

| | | |
|----|---|----|
| 1 | SCREW 9028421..... | 4 |
| 2 | RETAINER 9028422..... | 4 |
| 3 | WASHER AN960-10L..... | 12 |
| 4 | SCREW MS35207-262..... | 12 |
| 5 | SUPPORT ASSEMBLY-INSULATOR 9030306..... | 4 |
| 6 | INSULATION BLANKET 9028117..... | 1 |
| 7 | WASHER AN960PD3L..... | 2 |
| 8 | SCREW MS35206-228..... | 2 |
| 9 | WASHER AN960C516L..... | 19 |
| 10 | BOLT AN5-7A..... | 13 |
| 11 | COVER 9031264..... | 6 |
| 12 | SCREW MS24694S63..... | 6 |
| 13 | BOLT AN5-6A..... | 6 |
| 14 | BODY ASSEMBLY 8530475..... | 1 |
| 15 | BODY ASSEMBLY 9979608..... | 1 |

SEE FIGURE 31 FOR DETAILS

* COMPONENT OF SHIPPING KIT 8530401
 ** FOR SERIAL NO. 14963-15105
 *** COMPONENT OF ITEM 5
 **** FOR SHIPPING KIT 8530406
 # FOR SHIPPING KIT 9979611

FIGURE 29. SHIPPING KIT, FORWARD AND AFT BODY ASSEMBLY, INSTALLED /8530406 AND 9979611/



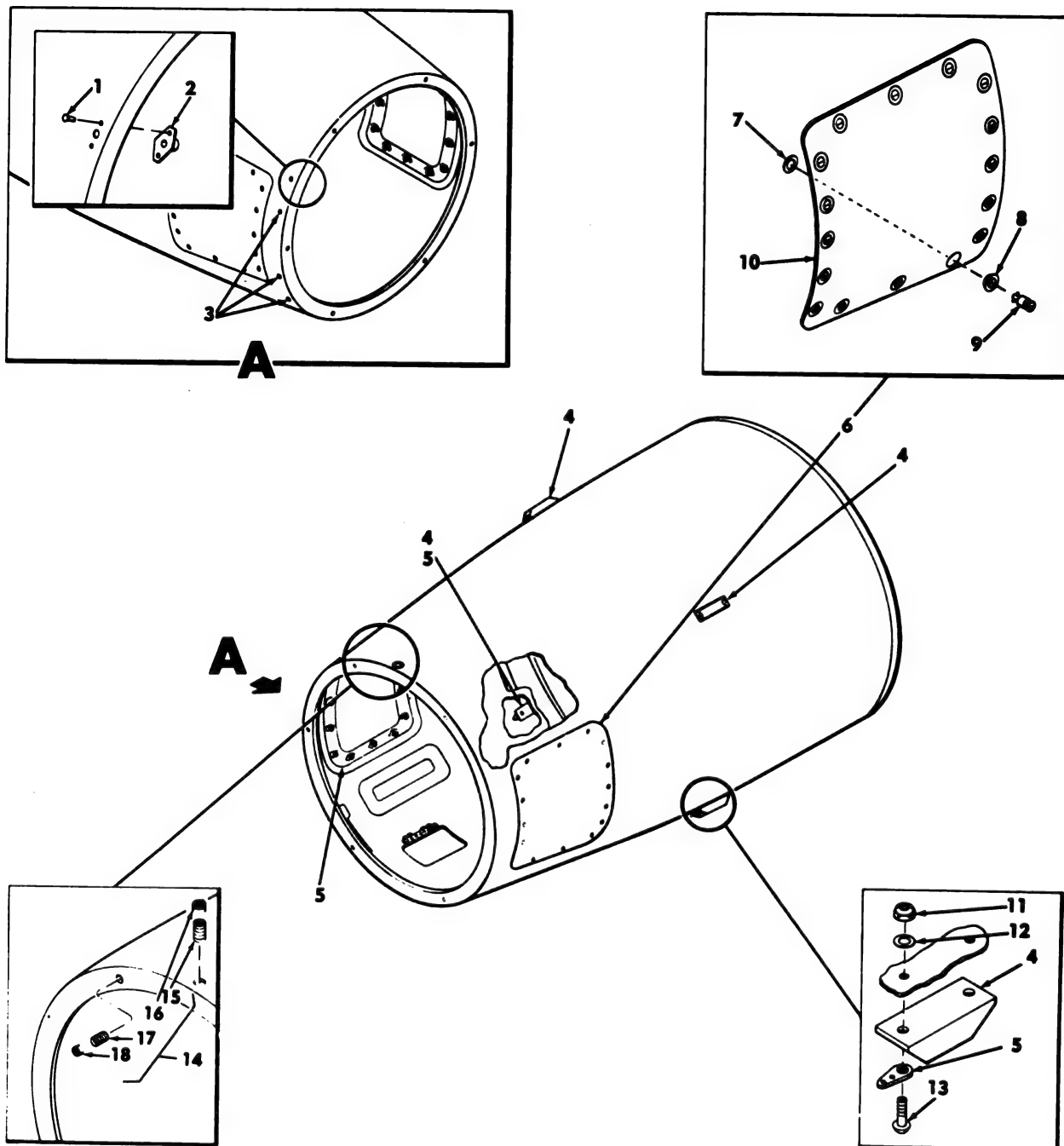
ORD 6339300

1 WIRE ROPE ASSEMBLY
9020525.....1
2 BOLT AN47BC6A.....2
3 WASHER AN960PD416.....2
4 NUT MS21044N4.....1
5 PIN MS24665-149.....2

6 WASHER AN960-10L.....2
7 PIN MS20392-2C17.....2
8 WIRE ROPE ASSEMBLY
9020524.....1
9 SCREW MS24693S275.....4

* COMPONENT OF MISSILE
GUIDANCE SET
9149099 AND 10666975

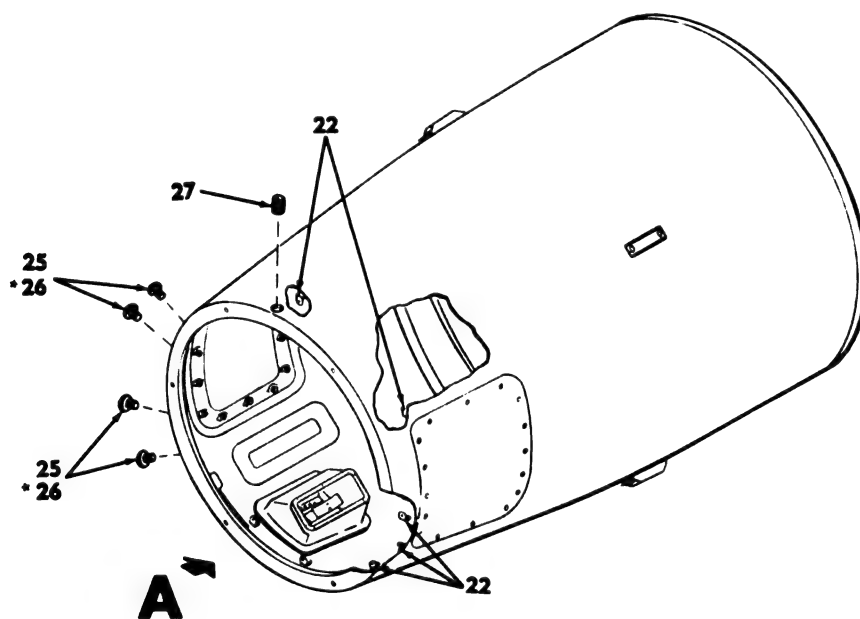
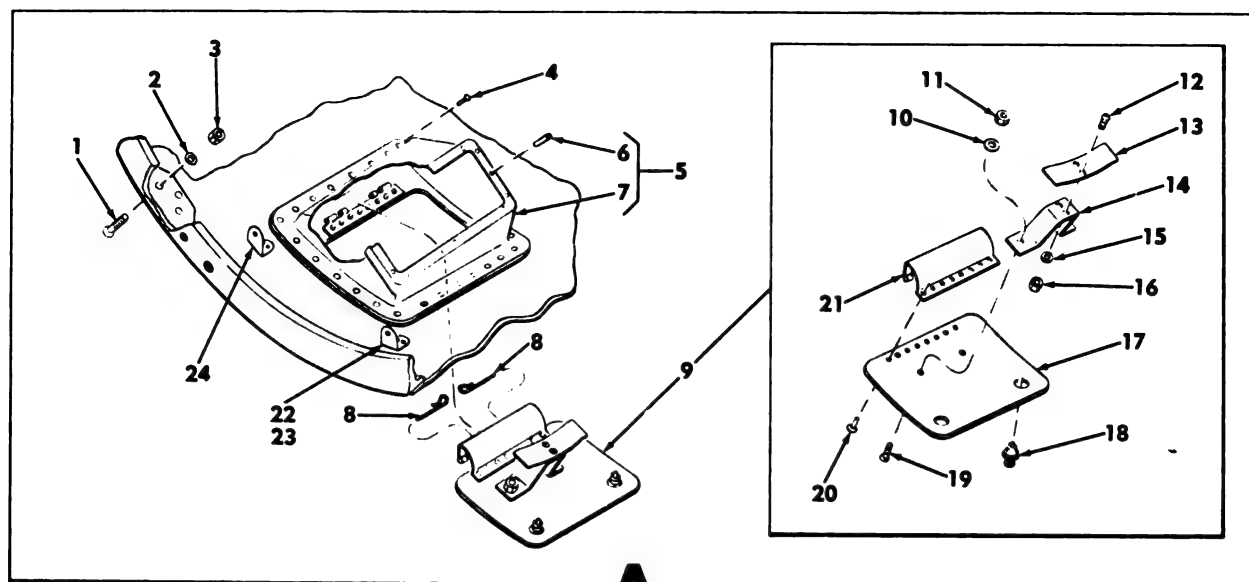
FIGURE 28. SHIPPING KIT, FORWARD AND AFT BODY ASSEMBLY, INSTALLED /8530406 AND 9979611/
/SEE FIGURE 13 FOR NEXT HIGHER ASSEMBLY/



ORD G294677

| | | |
|--------------------------------|------------------------------|---------------------------------|
| 1 RIVET MS20426AD3-9.....8 | 8 EYFLET 10611506.....16 | 14 FRAME ASSEMBLY 8521059.....1 |
| 2 NUT NAS1473A4.....4 | 9 STUD ASSEMBLY | 15 INSERT 9020635.....1 |
| 3 SCREW MS24694S100.....4 | 8485513.....16 | 16 RING 9020631.....1 |
| 4 BRACKET 8529417.....4 | 10 COVER PLATE 9033353.....1 | 17 INSERT 9018457.....6 |
| 5 NUT NAS46370D416.....2 | 11 NUT MS21044N4.....8 | 18 RING 10606512-3.....6 |
| 6 COVER ASSEMBLY 9033035.....2 | 12 WASHER AN960PD416L.....8 | |
| 7 RING 10611505-1.....16 | 13 SCREW NAS222-13.....8 | |

FIGURE 27. STRIKETYPE ASSEMBLY-WARHEAD, FORWARD /9032830/

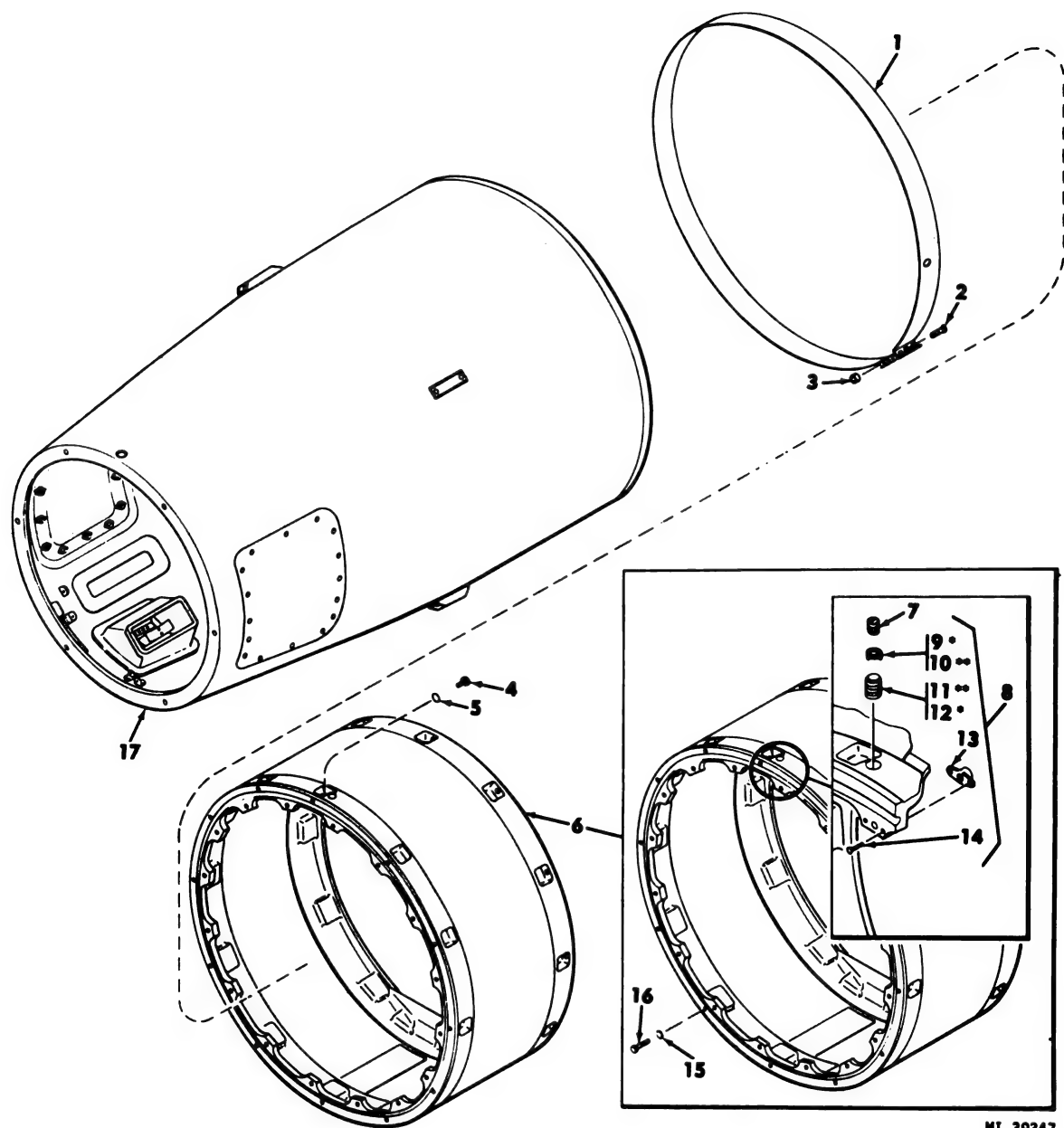


ORD G294676

| | | | | | |
|----|--------------------------------|----|--------------------------|----|---------------------------|
| 1 | SCREW MS24694S56.....8 | 12 | SCREW MS51957-43.....2 | 22 | BRACKET #019893.....6 |
| 2 | WASHER AN960PD10L.....8 | 13 | CLIP 8522198.....1 | 23 | RIVET MS20426AD4-8.....12 |
| 3 | NUT MS21042L3.....8 | 14 | SUPPORT 8522197.....1 | 24 | BRACKET 9019758.....1 |
| 4 | RIVET MS20426B6-12.....47 | 15 | WASHER AN960D8L.....2 | 25 | SETSCREW MS51966-65.....4 |
| 5 | SUPPORT ASSEMBLY 9030684.....1 | 16 | NUT MS21042L08.....2 | 26 | SETSCREW MS51023-66.....4 |
| 6 | PIN MS16562-39.....1 | 17 | DOOR 9025691.....1 | 27 | PLUG 9978716.....1 |
| 7 | SUPPORT 9032346.....1 | 18 | STUD ASSEMBLY | | |
| 8 | PIN 9031869.....2 | | 9033575.....2 | | |
| 9 | DOOR ASSEMBLY 9031223.....1 | 19 | SCREW MS24694S49.....2 | | |
| 10 | WASHER AN960PD10L.....2 | 20 | RIVET MS20426AD4-7.....8 | | |
| 11 | NUT MS21042L3.....2 | 21 | LEAF 9025961.....1 | | |

* FOR NON COUNTERSUNK HOLES

FIGURE 26. STRUCTURE ASSEMBLY-WARHEAD, FORWARD /9032830/
/SEE FIGURE 25 FOR NEXT HIGHER ASSEMBLY/



MI 39347

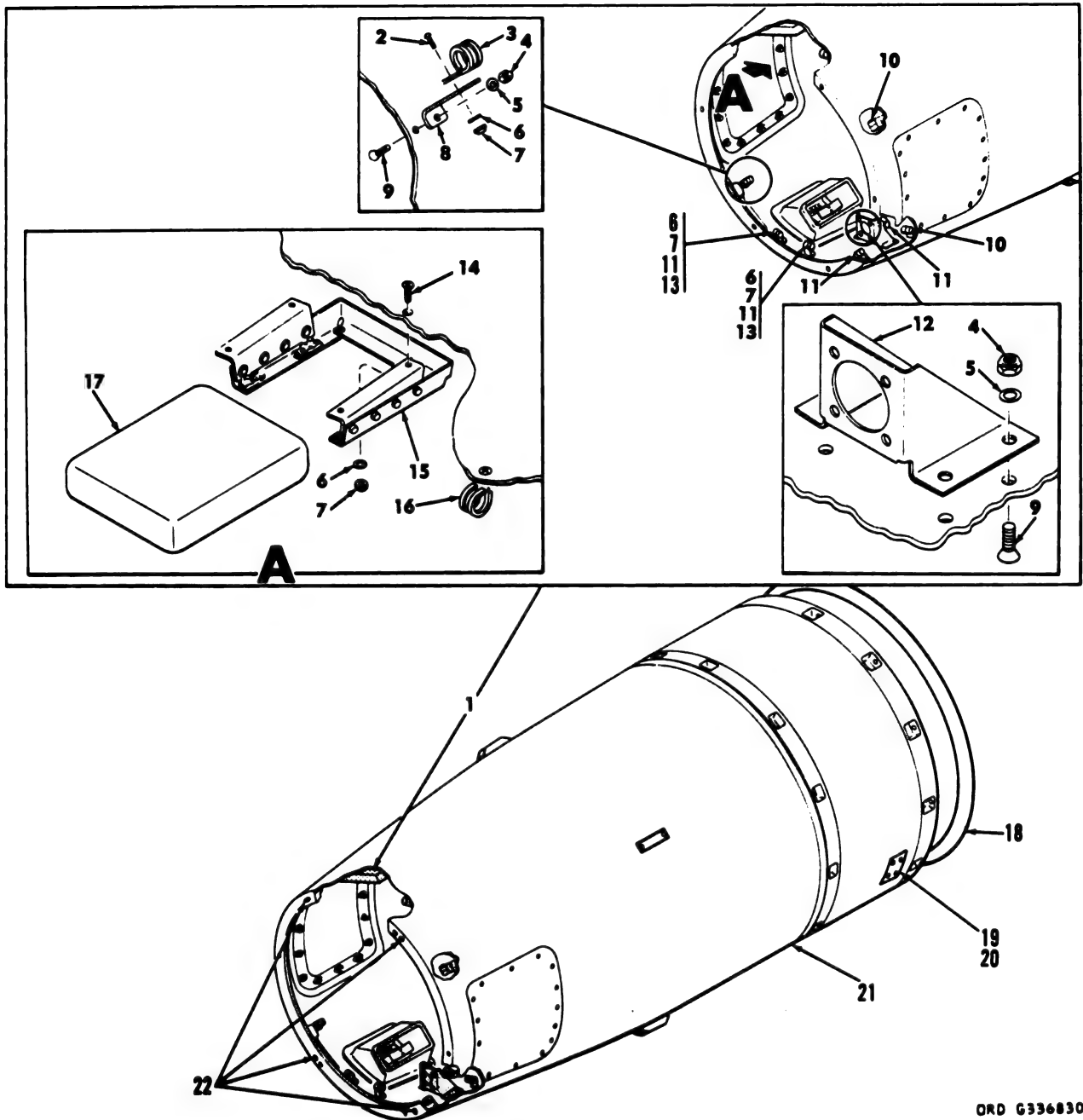
1 COVER ASSEMBLY 9019865.....1
 2 SCREW MS24694S50.....1
 3 NUT 8165693.....1
 4 BOLT AN5-10A.....12
 5 WASHER AN940-516.....12
 6 STRUCTURE ASSEMBLY
 8521045.....1
 7 PLUG 9978716.....1
 8 FRAME 9019545.....1

9 RING 9020631.....1
 10 RING 9020583.....1
 11 INSERT 9020607.....1
 12 INSERT 9020635.....1
 13 NUT MS21059L6.....16
 14 RIVET MS20426B4-
 12.....32
 15 WASHER AN960C616L.....16
 16 SCREW MS90726-64.....16

17 STRUCTURE ASSEMBLY
 9032830.....1
 SEE FIGURE 26 FOR DETAILS

* FOR SERIAL NO. 14965-16074
 ** FOR SERIAL NO. 16075 AND UP

FIGURE 25. SECTION ASSEMBLY, WARHEAD /8521050/
 /SEE FIGURE 24 FOR NEXT HIGHER ASSEMBLY/



ORD G336830

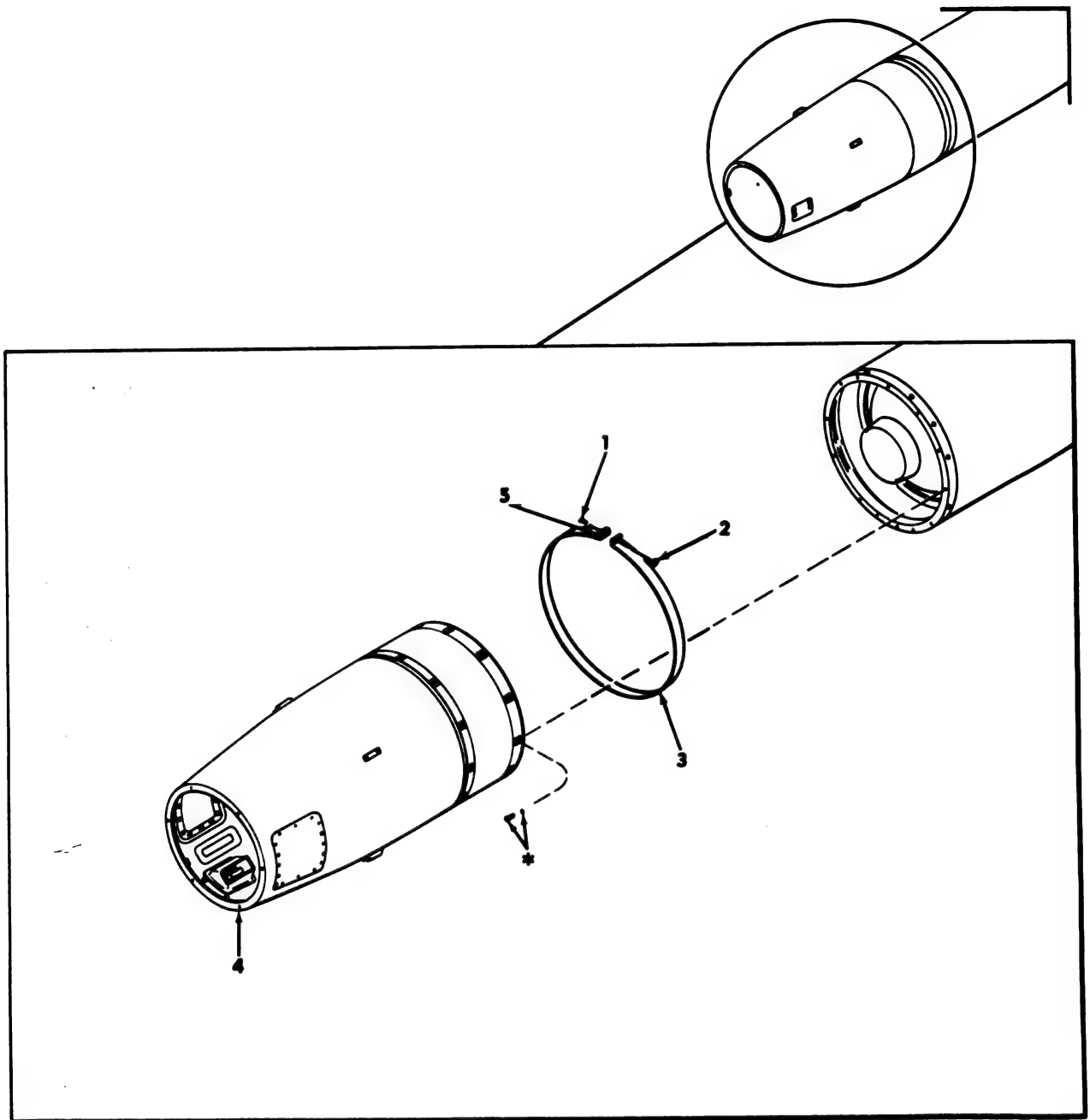
1 EQUIPMENT INSTALLATION

| | | | |
|---|--------------------|---------|---|
| 1 | INSULATION BLANKET | 8164765 | 1 |
| 2 | SCREW MS35206-249 | 6 | |
| 3 | CLAMP MS21919WDG12 | 1 | |
| 4 | NUT MS21083N3 | 5 | |
| 5 | WASHER AN960-10L | 5 | |
| 6 | WASHER AN960-8L | 12 | |
| 7 | NUT MS21083NOR | 12 | |
| 8 | BRACKET 90303A1 | 1 | |
| 9 | SCREW MS246935272 | 5 | |

| | | | |
|----|--------------------|---------|---|
| 10 | CLAMP MS21919WDG7 | 2 | |
| 11 | CLAMP MS21919WDG6 | 4 | |
| 12 | BRACKET 8530432 | 1 | |
| 13 | SCREW MS35206-244 | 2 | |
| 14 | SCREW MS24693550 | 4 | |
| 15 | BRACKET 8164751 | 1 | |
| 16 | CLAMP MS21919WDG8 | 1 | |
| 17 | INSULATION BLANKET | 8164765 | 1 |

| | | | |
|----|---------------------------|---|--|
| 18 | PACKING 8169156 | 1 | |
| 19 | PLATE 8921047 | 1 | |
| 20 | RIVET MS20426A4-5 | 4 | |
| 21 | SECTION ASSEMBLY 8921050 | 1 | |
| 22 | SEE FIGURE 25 FOR DETAILS | | |

FIGURE 24. BODY SECTION, CENTER, GUIDED MISSILE, M135 /9032497/
/SEE FIGURE 23 FOR NEXT HIGHER ASSEMBLY/

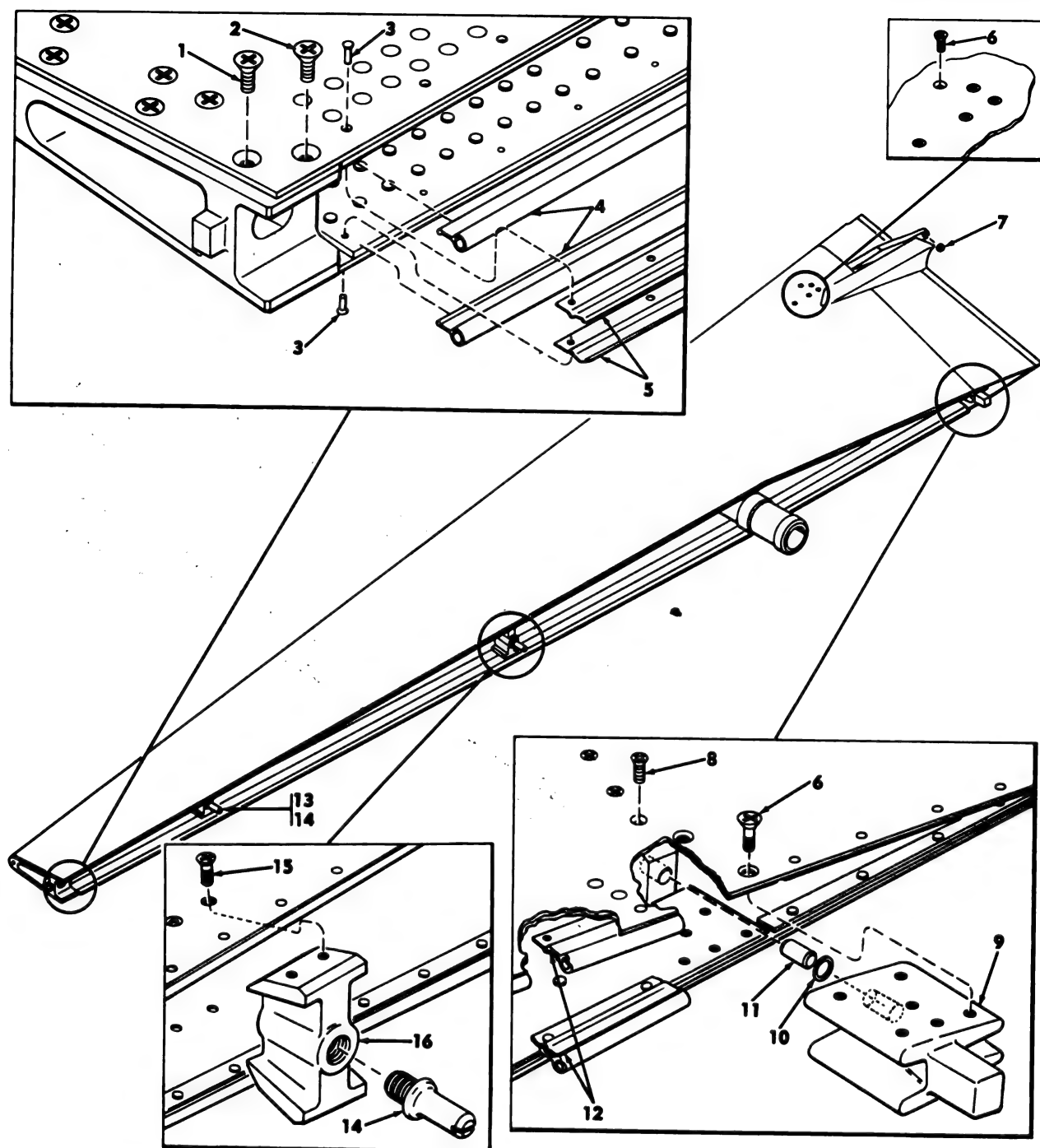


MI 39346

- 1 SCREW MS24694S50.....1
- 2 NUT #165693.....1
- 3 COVER ASSEMBLY 9019866.....1
- 4 BODY SECTION 9032497.....1
- SEE FIGURE 24 FOR DETAILS
- 5 RIVET MS20426AD4-5.....4

• COMPONENT OF SHIPPING KIT
8530406 AND 9979611

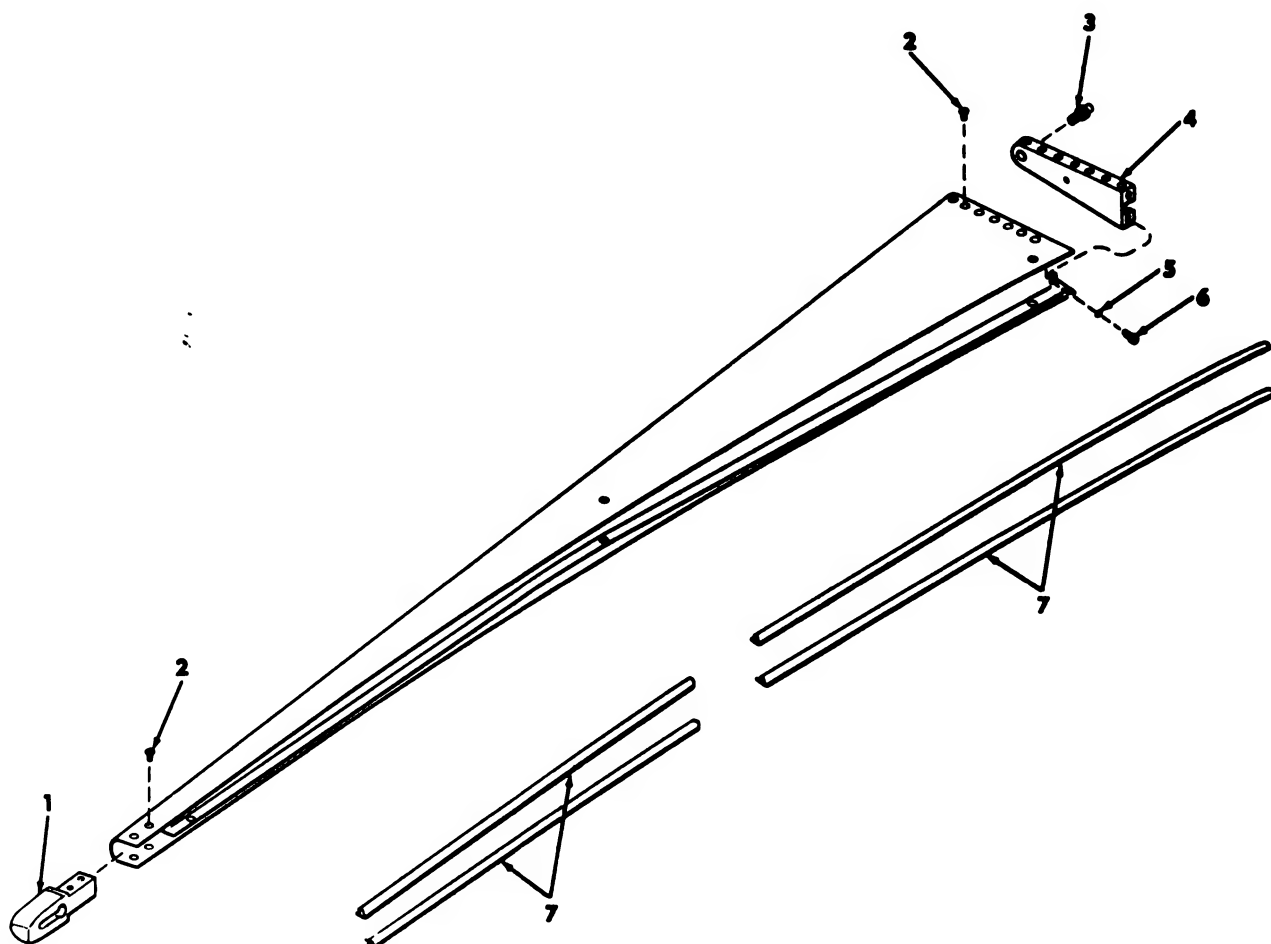
FIGURE 23. SHIPPING KIT, WARHEAD ASSEMBLY /8530401/
/SEE FIGURE 12 FOR NEXT HIGHER ASSEMBLY/



ORD G336829

| | | |
|-------------------------------|--------------------------------|---------------------------|
| 1 SCREW MS24694S93.....12 | 8 SCREW R014974.....30 | 15 SCREW MS24694S50.....8 |
| 2 SCREW AN509-416R5.....2 | 9 FITTING R530982.....1 | 16 FITTING 9032642.....1 |
| 3 RIVET MS20426AD3-7.....76 | 10 WASHER MS15795-713.....1 | |
| 4 NONMETALLIC 9028327.....2 | 11 PIN 595195.....1 | |
| 5 RETAINER SEAL 9028382.....2 | 12 RETAINER SEAL 9028381.....2 | |
| 6 SCREW MS24694S94.....100 | 13 FITTING 9032643.....1 | |
| 7 BEARING L559MTLG3278.....1 | 14 BOLT 9028297.....2 | |

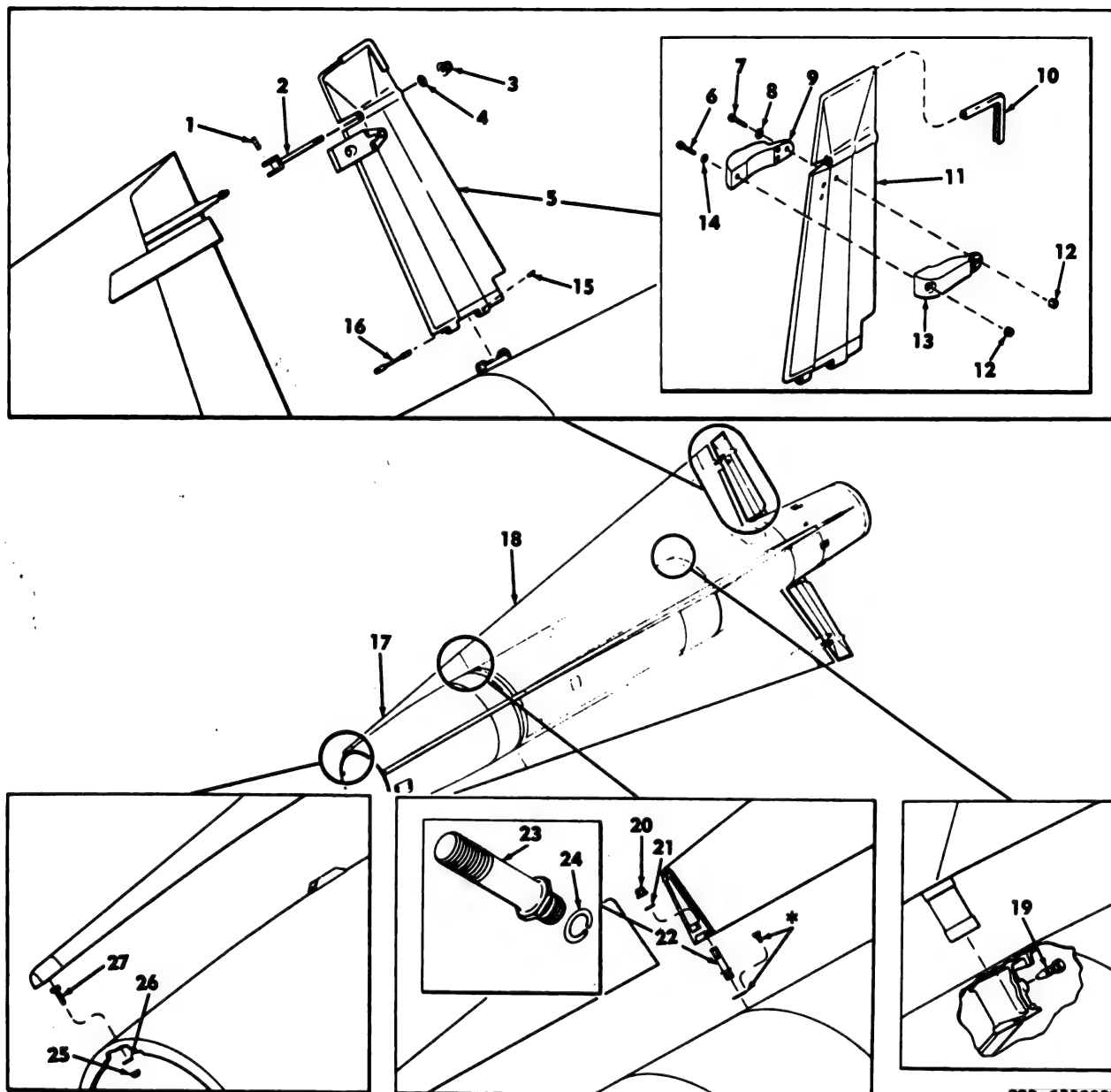
FIGURE 22. FIN, STRUCTURE ASSEMBLY /9028313/
/SEE FIGURE 20 FOR NEXT HIGHER ASSEMBLY/



ORD G294671

| | | |
|---|--------------------------|----|
| 1 | FITTING 907A914..... | 1 |
| 2 | SCREW A014574..... | 10 |
| 3 | PIN 0162A28..... | 1 |
| 4 | FITTING A522148..... | 1 |
| 5 | WASHER M515795-A08..... | 2 |
| 6 | BOLT AN3C.1A..... | 2 |
| 7 | NONMETALLIC 902A326..... | 8 |

FIGURE 21. PIN, STABILIZER /8521061/
/SEE FIGURE 20 FOR NEXT HIGHER ASSEMBLY/

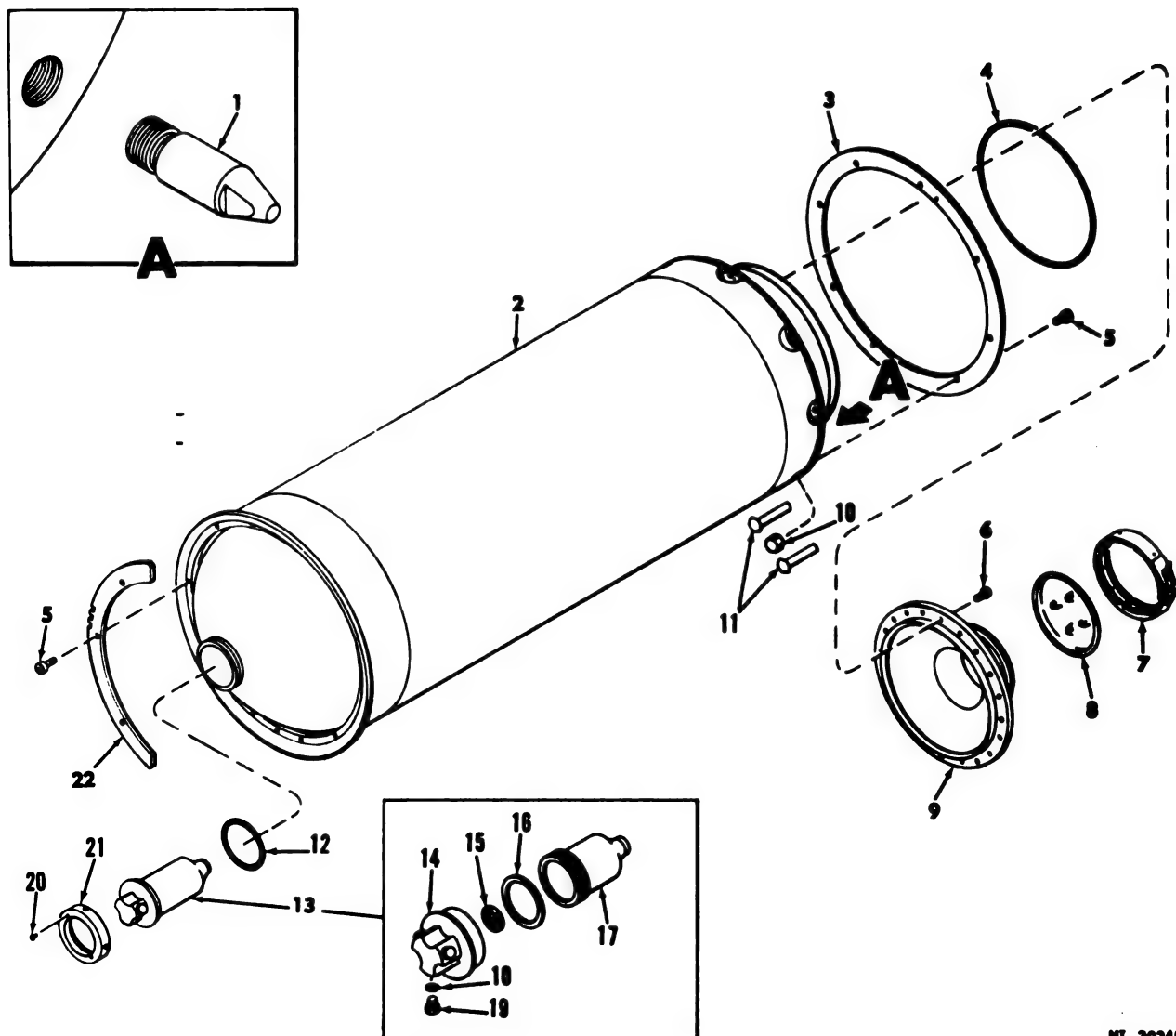


ORD 6339299

| | | |
|---------------------------|-----------------------------|----------------------------|
| 1 PIN 9032609.....4 | 14 WASHER AN960-416.....1 | 23 STUD 8162429.....1 |
| 2 CLEVIS 9032610.....4 | 15 PIN 593763.....4 | 24 RING 9018710.....1 |
| 3 NUT 8168351.....4 | 16 PIN 8162642.....4 | 25 NUT MS21042L3.....4 |
| 4 WASHER AN960-616L.....4 | 17 FIN 8521061.....4 | 26 WASHER AN960-516L.....4 |
| 5 FIN 8524287.....4 | SEE FIGURE 21 FOR DETAILS | 27 BOLT 9979234.....4 |
| 6 BOLT AN4-24A.....1 | 18 FIN 9028313.....4 | |
| 7 BOLT AN4-17A.....3 | SEE FIGURE 22 FOR DETAILS | |
| 8 WASHER AN960-416.....3 | 19 SETSCREW 9025007.....4 | |
| 9 WEIGHT 8521084.....1 | 20 NUT 8526034.....4 | |
| 10 RUBBER 9028424.....1 | 21 WASHER AN960PD1016.....4 | |
| 11 FIN 9032416.....1 | 22 STUD AND RING ASSEMBLY | |
| 12 NUT MS21044N4.....4 | 9019830.....4 | |
| 13 WEIGHT 8521083.....1 | | |

* COMPONENT OF SHIPPING KIT
8530406

FIGURE 20. SHIPPING KIT, MAIN FINS /INSTALLED/ /9028319/
/SEE FIGURE 12 FOR NEXT HIGHER ASSEMBLY/



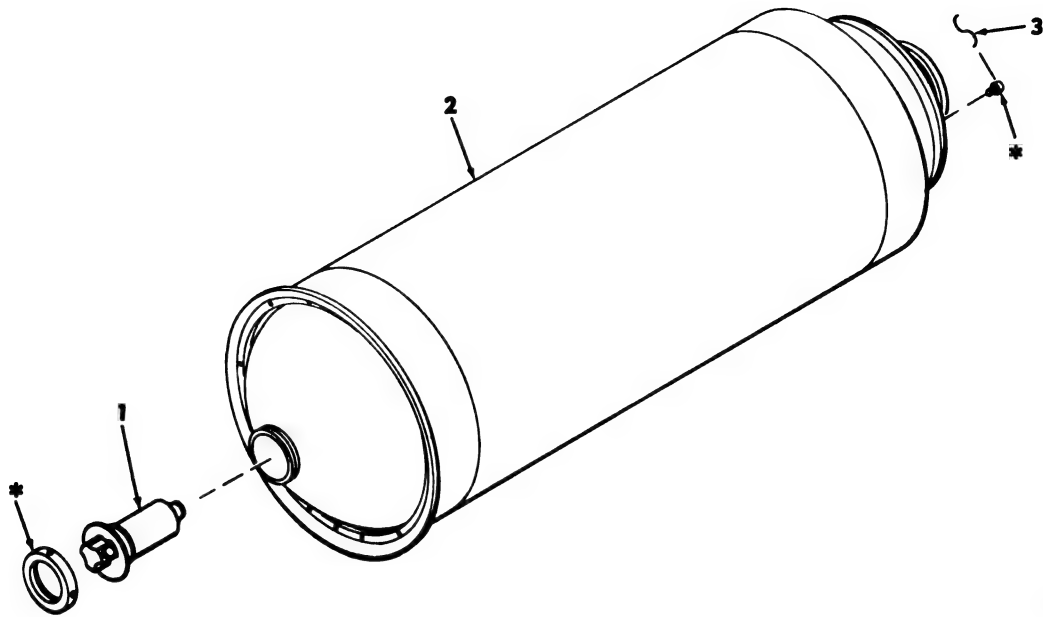
MI 39345

1 PIN 80341R5.....2
2 CASE ASSEMBLY 10228114.....1
3 RING 8034274.....1
4 GASKET 80341R6.....1
5 SCREW MS16998-96.....14
6 BOLT NAS1490H1R.....20
7 COUPLING 8034196.....1
8 COVER 8030879.....1
9 ADAPTER ASSEMBLY 8034187.....1

10 NUT 8030114.....8
11 RIVET MS20427-4C9.....16
12 GASKET 8034210.....1
13 GAS GENERATOR ASSEMBLY
10602063.....1
14 HEAD 10602052.....1
15 RETAINER ASSEMBLY
10602059.....1

16 GASKET 10602057-2.....1
17 CASE 10602050.....1
18 GASKET 8034443.....3
19 PLUG 8034214.....3
20 SETSCREW AN5450428H10.....2
21 RING 8034210.....1
22 RING 8034511.....2

FIGURE 19. CASE AND ADAPTER ASSEMBLY /10228126/
/SEE FIGURE 17 FOR NEXT HIGHER ASSEMBLY/

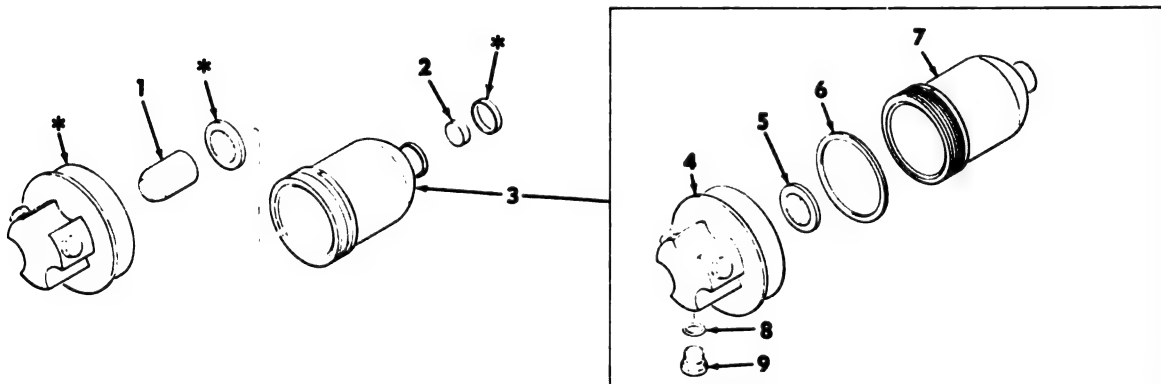


MI 39344

- | | | |
|---|---|--------------------------------|
| <p>1 IGNITER 10602061.....1 SEE FIGURE 18 FOR DETAILS</p> | <p>2 CASE AND ADAPTER ASSEMBLY 10228126.....1 SEE FIGURE 19 FOR DETAILS</p> | <p>3 WIRE MS20997-47.....*</p> |
|---|---|--------------------------------|

* COMPONENT OF ITEM 2

FIGURE 17. ROCKET MOTOR, M30A2 /10228125/
/SEE FIGURE 16 FOR NEXT HIGHER ASSEMBLY/

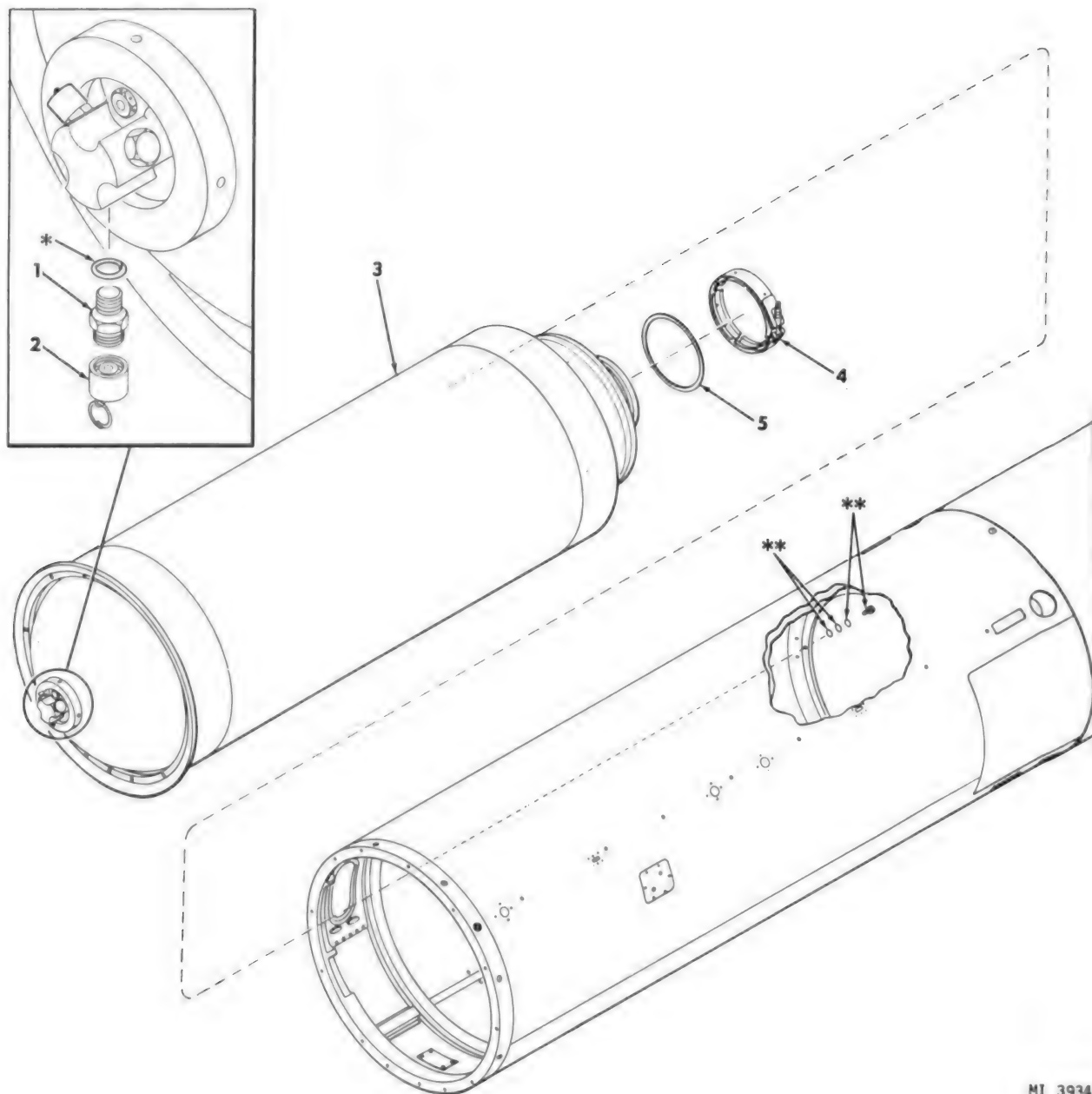


ORD 6339297

- | | | |
|---|---|--|
| <p>1 PELLET CHARGE ASSMRLY 10602060.....1 2 CLOSURE NOZLE 10602056.....1 3 GAS GENERATOR ASSMRLY 10602063.....1</p> | <p>4 HEAD 10602052.....1 5 RETAINER ASSEMBLY 10602059.....1 6 GASKET 10602057-2.....1 7 CASE 10602050.....1</p> | <p>8 GASKET M034443.....3 9 PLUG M034214.....3</p> |
|---|---|--|

* COMPONENT OF ITEM 3

FIGURE 18. IGNITER, ROCKET MOTOR, M72 /10602061/
/SEE FIGURE 17 FOR NEXT HIGHER ASSEMBLY/



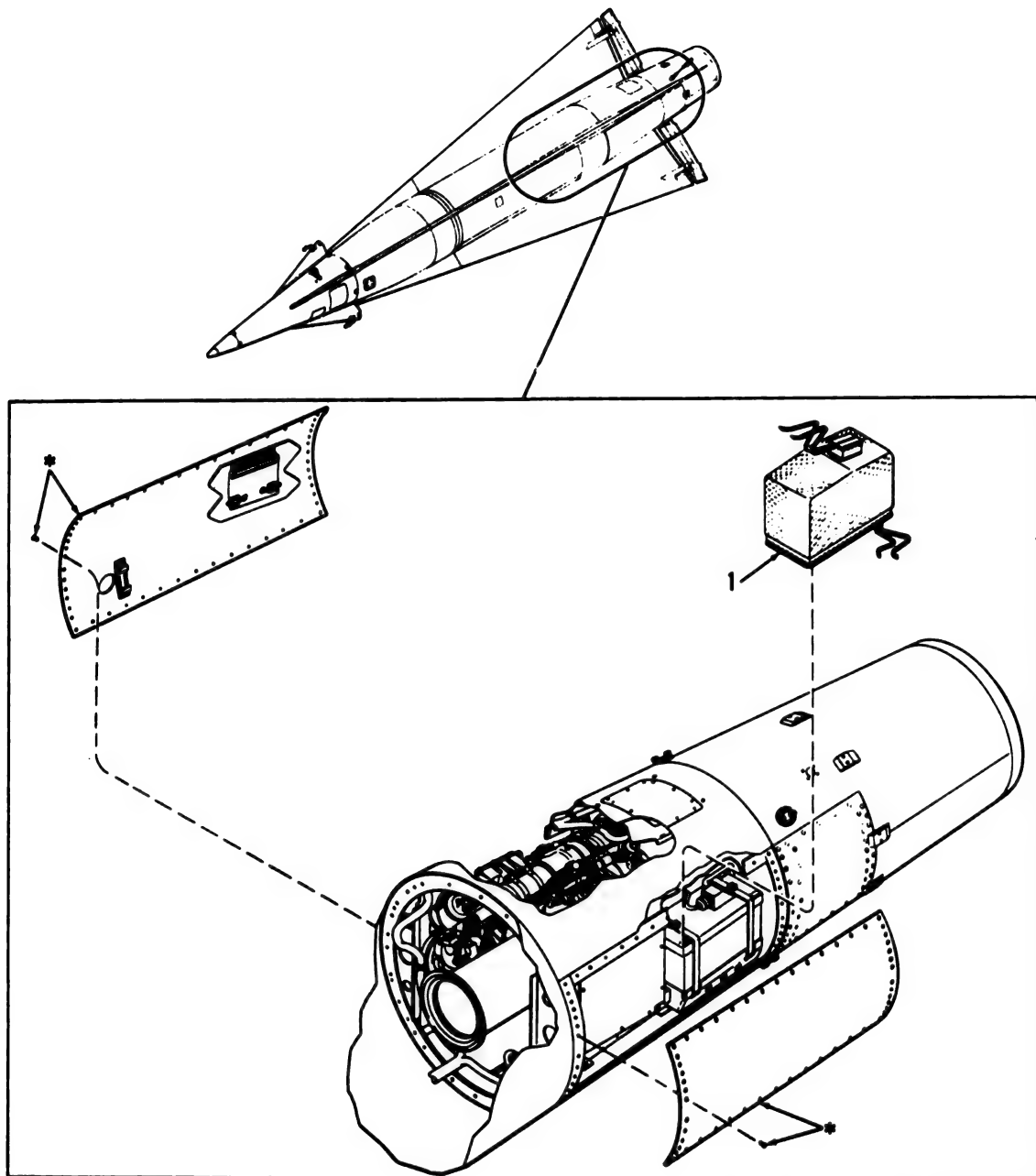
MI 39343

1 SQUIB 8034326.....2
 2 CAP ASSEMBLY 8031006.....2
 3 ROCKET MOTOR 1022R125.....1
 SEE FIGURE 17 FOR DETAILS

4 COUPLING 8034196.....1
 5 PACKING WITH RETAINER
 8034430.....1

* COMPONENT OF ITEM 3
 ** COMPONENT OF SHIPPING KIT
 8530406 AND 9979611

FIGURE 16. CASE AND ADAPTER ASSEMBLY INSTALLATION /INSTALLED/ /8521095/
 /SEE FIGURE 11 FOR NEXT HIGHER ASSEMBLY/

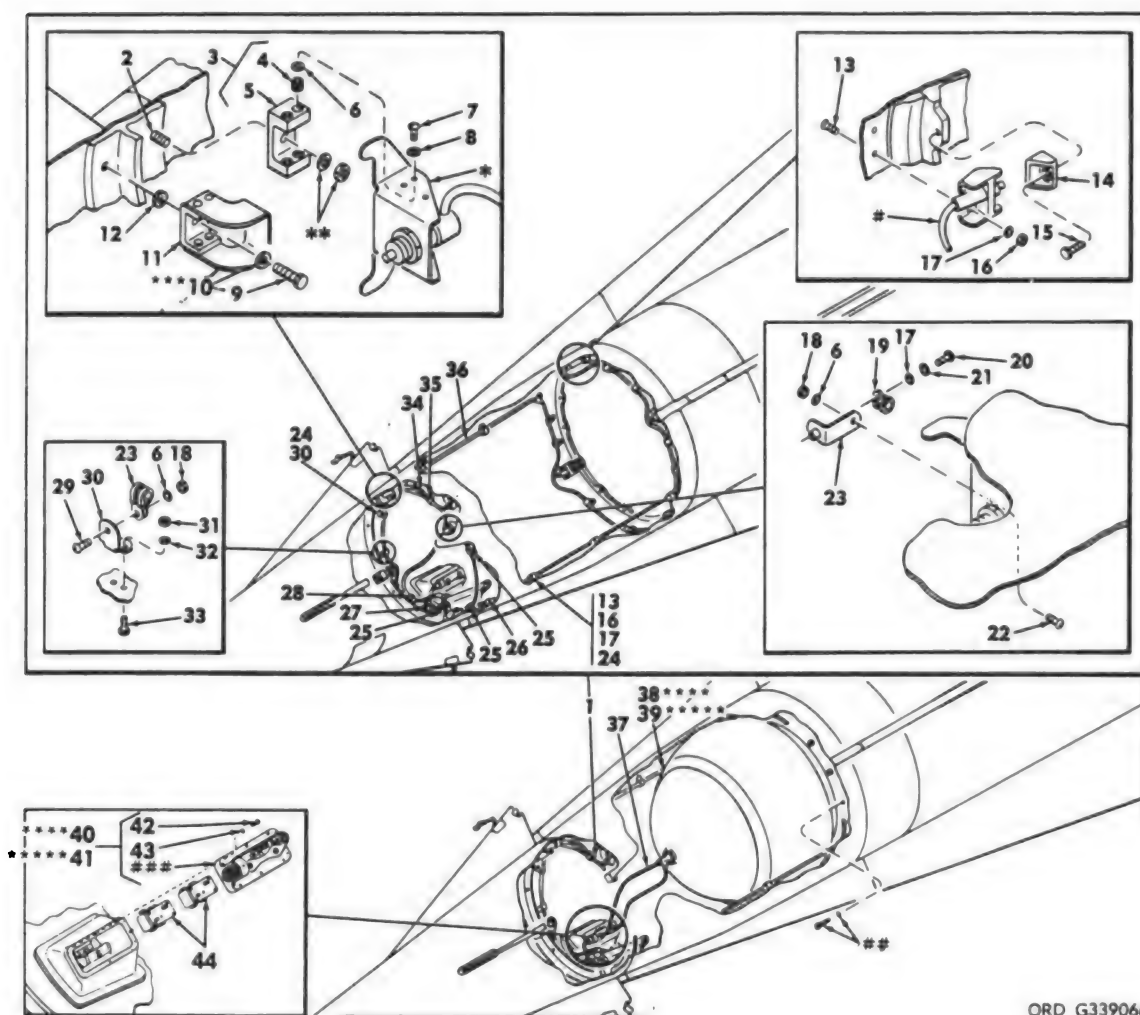


ORD G337433

1 INSULATION BLANKET
9028435.....

• COMPONENT OF BODY SECTION
9019698

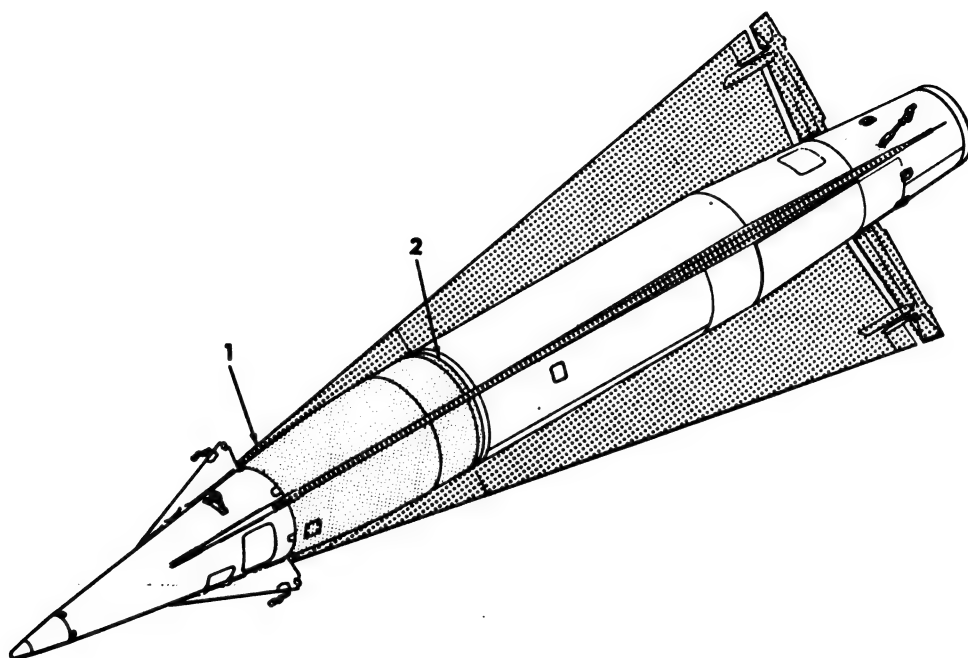
FIGURE 15. WINTERIZATION KIT, GAS TURBINE GENERATOR SET /INSTALLED/ /9019A43/
/SEE FIGURE 11 FOR NEXT HIGHER ASSEMBLY/



ORD G339066

- | | | | | | |
|----|-----------------------------|----|----------------------------|----|-----------------------------------|
| 1 | FAIL SAFE KIT 9020699.....1 | 22 | SCREW MS35206-246.....1 | 38 | WARHEAD 8836017.....1 |
| 2 | BOLT 9019950.....4 | 23 | BRACKET 9028087.....1 | 39 | WARHEAD 8861923.....1 |
| 3 | SUPPORT 9019941.....4 | 24 | CLAMP MS21919WDG4.....16 | 40 | PLATE 8532426.....1 |
| | 4 INSERT | 25 | CLAMP MS21919WDG8.....3 | 41 | PLATE 8030821.....1 |
| | MS21208C0870.....4 | 26 | CLAMP MS21919WDG9.....1 | 42 | SCREW MS39207-264.....10 |
| | 5 SUPPORT 9019943.....1 | 27 | CLAMP MS21919WDG5.....1 | 43 | WASHER MS35338-43.....10 |
| 6 | WASHER AN960-RL.....19 | 28 | CLAMP MS21919WDG7.....1 | 44 | SAFETY AND ARMING DEVICE |
| 7 | SCREW MS16997-31.....16 | 29 | SCREW MS35206-245.....2 | | 7542841.....2 |
| 8 | WASHER MS35338-42.....16 | 30 | BRACKET 8526770.....2 | | |
| 9 | BOLT AN6-12A.....4 | 31 | NUT MS21044N04.....4 | | * COMPONENT OF ITEM 34 |
| 10 | WASHER MS27183-4.....4 | 32 | WASHER MS27183-4.....4 | | ** COMPONENT OF SHIPPING KIT |
| 11 | BRACKET AND SUPPORT | 33 | SCREW MS2469354.....4 | | 9028319 |
| | 9019965.....4 | 34 | WIRING HARNESS | | *** COMPONENT OF BODY ASSEMBLY, |
| 12 | WASHER MS27183-14.....4 | | 9020714.....1 | | FORWARD 8530480 AND 9028216 |
| 13 | SCREW MS24693C272.....22 | | SEE FIGURE 171, NUMBER 1 | | **** FOR WARHEAD SECTION 5952021 |
| 14 | PRESSURE BLOCK | | FOR DETAILS | | ***** FOR WARHEAD SECTION 5952071 |
| | 9020702.....4 | 35 | CLAMP NAS1397R7.....1 | | # COMPONENT OF ITEM 36 |
| 15 | BOLT MS35303-64.....4 | 36 | WIRING HARNESS | | # COMPONENT OF SECTION |
| 16 | NUT MS21087N3.....22 | | 9020715.....1 | | ASSEMBLY 8921050 |
| 17 | WASHER AN960-10L.....23 | | SEE FIGURE 171, NUMBER 25 | | ### COMPONENT OF ITEM 39 |
| 18 | NUT MS21083NOR.....3 | | FOR DETAILS | | |
| 19 | CLAMP MS21919WDG7.....1 | 37 | EXPLOSIVE HARNESS ASSEMBLY | | |
| 20 | SCREW MS39207-261.....1 | | 8850255.....1 | | |
| 21 | WASHER MS35338-43.....1 | | | | |

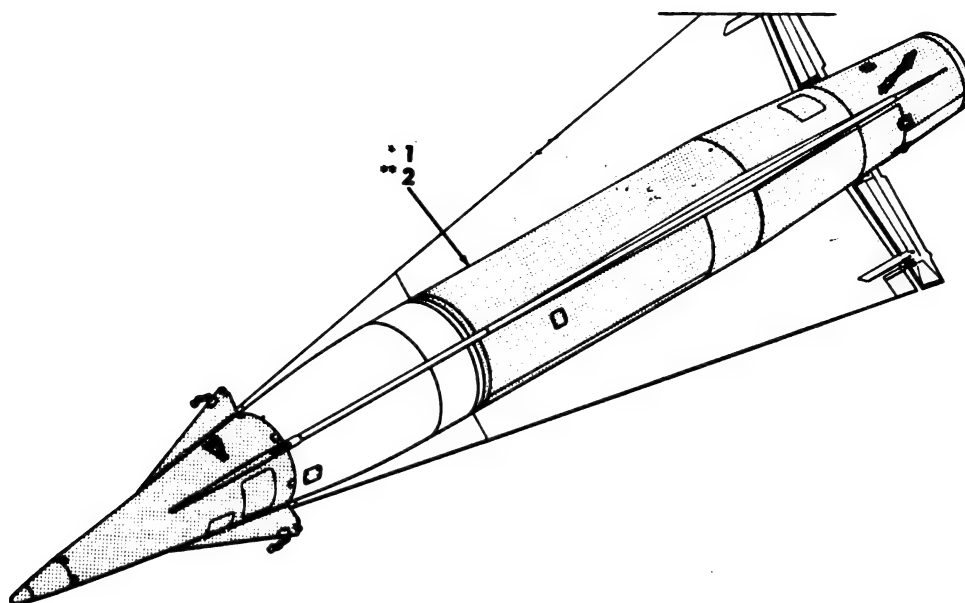
FIGURE 14. WARHEAD SECTION, HIGH EXPLOSIVE, GUIDED MISSILE INSTALLATION FOR M139 /0166916/
/SEE FIGURE 11 FOR NEXT HIGHER ASSEMBLY/



ORD G294666

- 1 SHIPPING KIT 9028319.....1
SEE FIGURE 20 FOR DETAILS
- 2 SHIPPING KIT 8530401.....1
SEE FIGURE 23 FOR DETAILS

FIGURE 12. GENERAL ASSEMBLY, MODEL 1810 /9028149, 9032783, 9979609 AND 9979610/

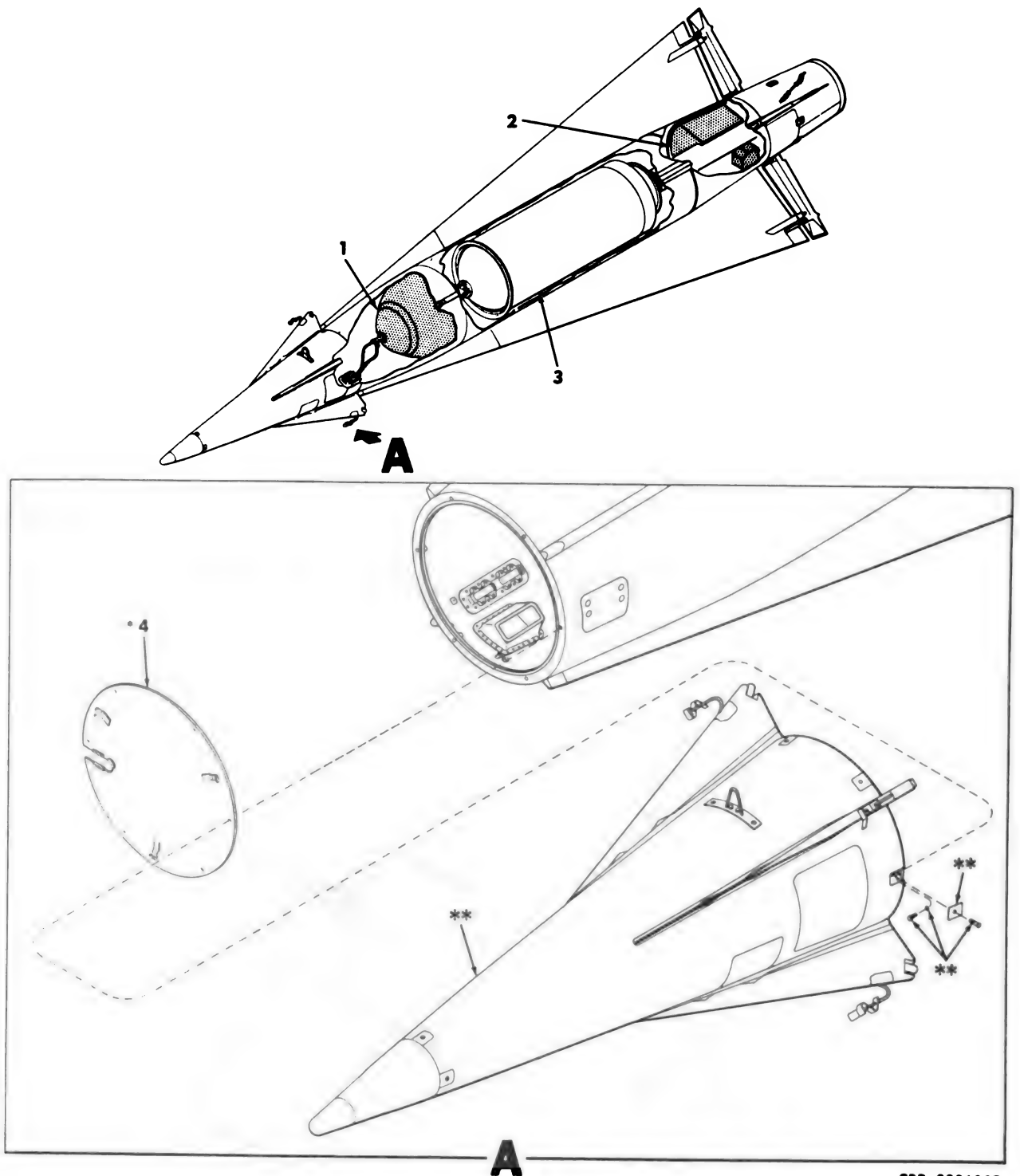


MI 39342

- 1 SHIPPING KIT 9979611.....1
SEE FIGURE 28 FOR DETAILS
- 2 SHIPPING KIT 8530406.....1
SEE FIGURE 28 FOR DETAILS

- * FOR GENERAL ASSEMBLY 9979609
AND 9979610
- ** FOR GENERAL ASSEMBLY 9028149
AND 9032783

FIGURE 13. GENERAL ASSEMBLY, MODEL 1810 /9028149, 9032783, 9979609 AND 9979610/

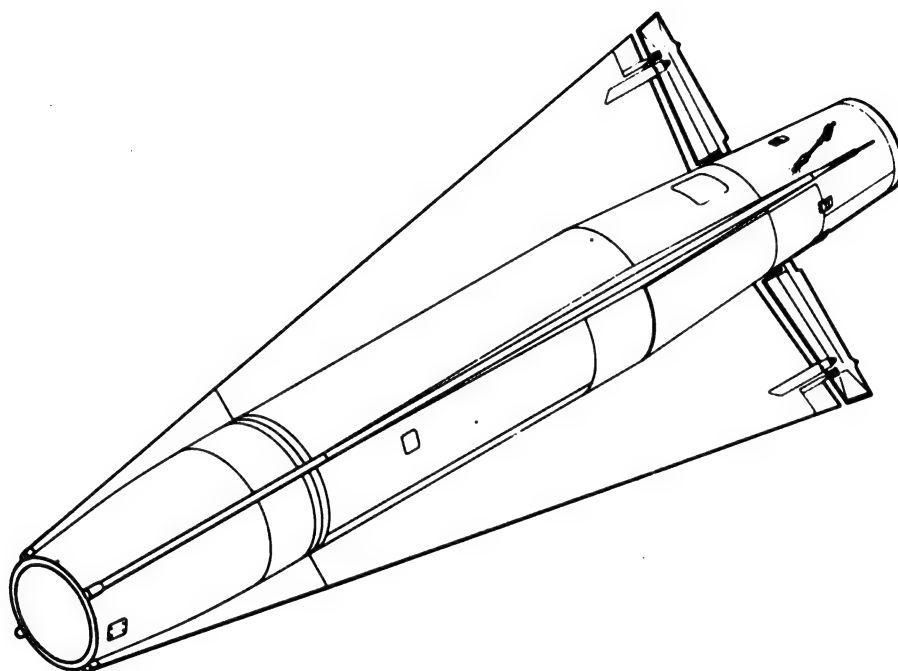


1 WARHEAD INSTALLATION
8166516.....1
SEE FIGURE 14 FOR DETAILS
2 SHIPPING KIT 9019843.....1
SEE FIGURE 15 FOR DETAILS

3 CASE AND ADAPTER ASSEMBLY
9521095.....1
SEE FIGURE 16 FOR DETAILS
4 PROTECTOR 9978366.....1

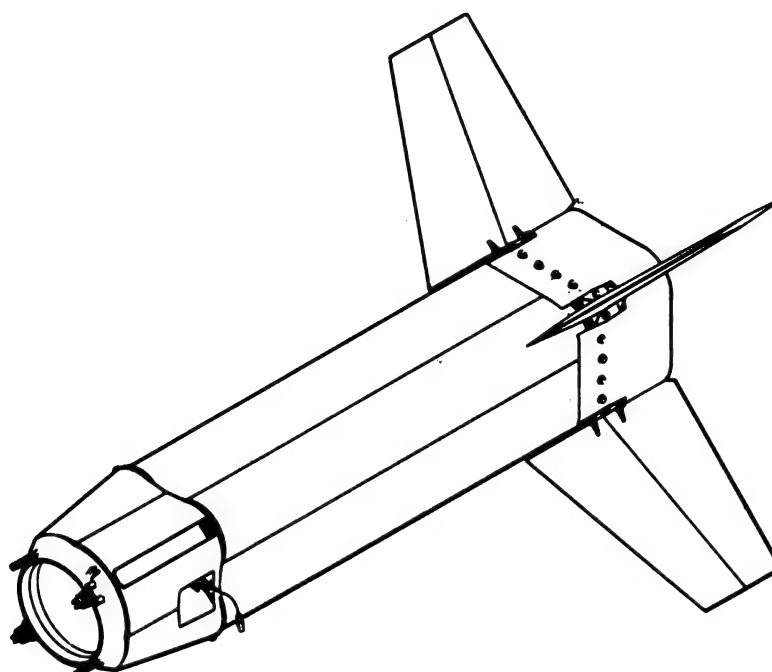
ORD G336825
* FOR GENERAL ASSEMBLY 9028149
AND 9979609
** COMPONENT OF SHIPPING KIT
8530406 AND 9979611

FIGURE 11. GENERAL ASSEMBLY, MODEL 1810 / 9028149, 9032783, 9979609 AND 9979610/



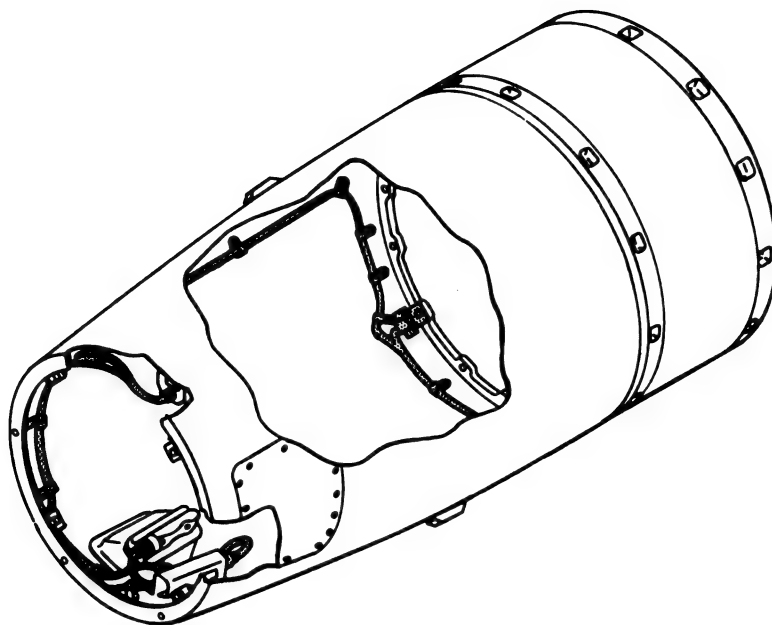
ORD G336923

FIGURE 9. BODY SECTION, GUIDED MISSILE TRAINING, M84 /10119274/
/SEE FIGURE 154 FOR DETAILS/



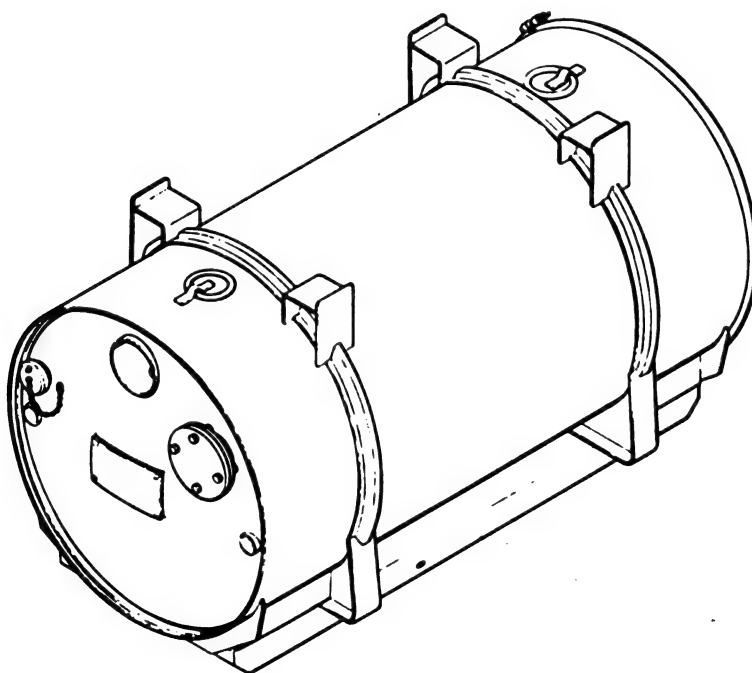
ORD G294913

FIGURE 10. ROCKET MOTOR CLUSTER, TRAINER, M29 /8030977/
/SEE FIGURE 167 FOR DETAILS/



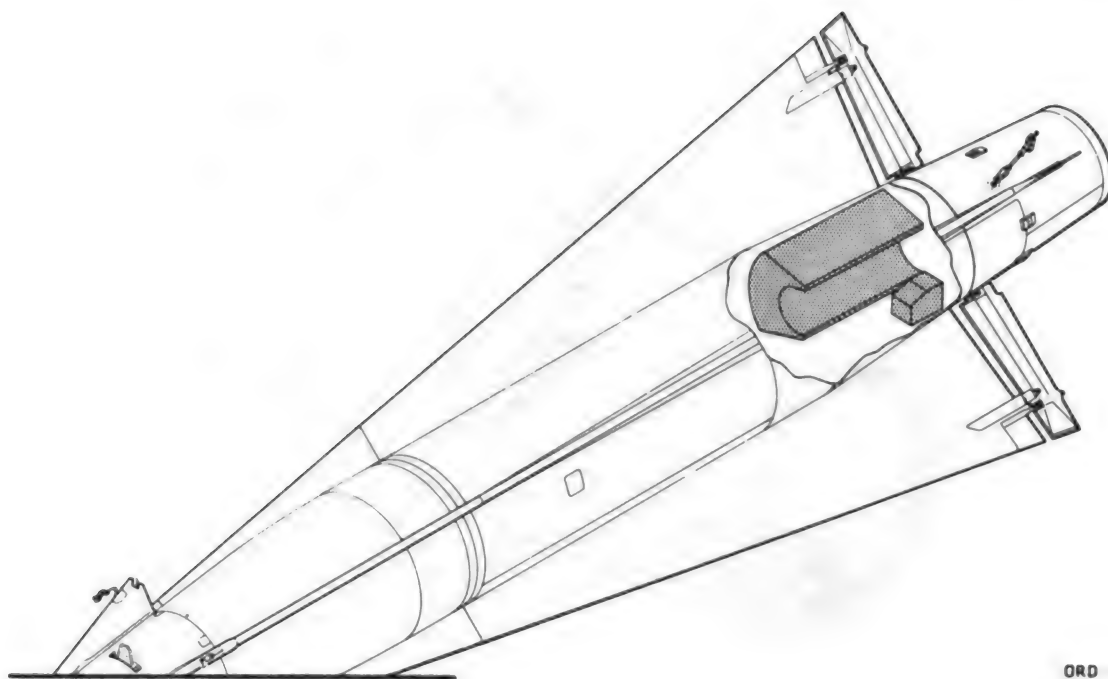
ORD G336922

FIGURE 7. FAIL SAFE KIT, AUXILIARY /9020699/
/SEE FIGURE 14 FOR LOCATION/



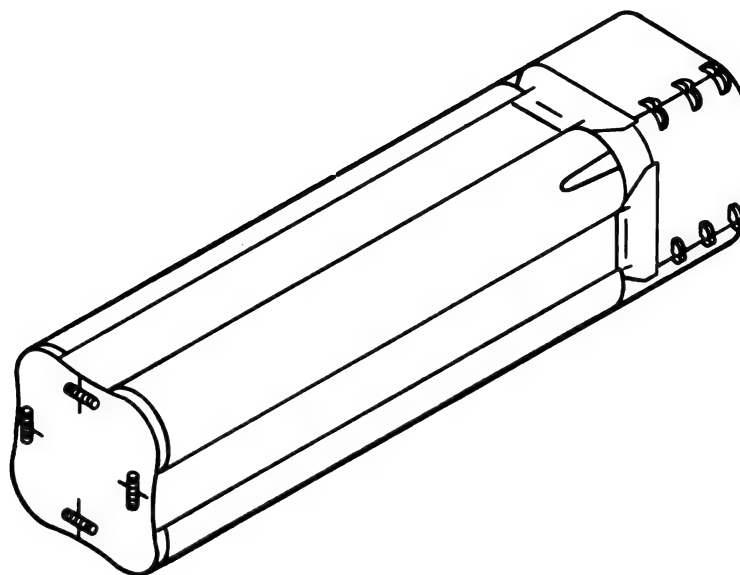
ORD G253609

FIGURE 8. CONTAINER, SHIPPING AND STORAGE, TRANSPONDER, M466 /9019914/
/SEE FIGURE 151 FOR DETAILS/



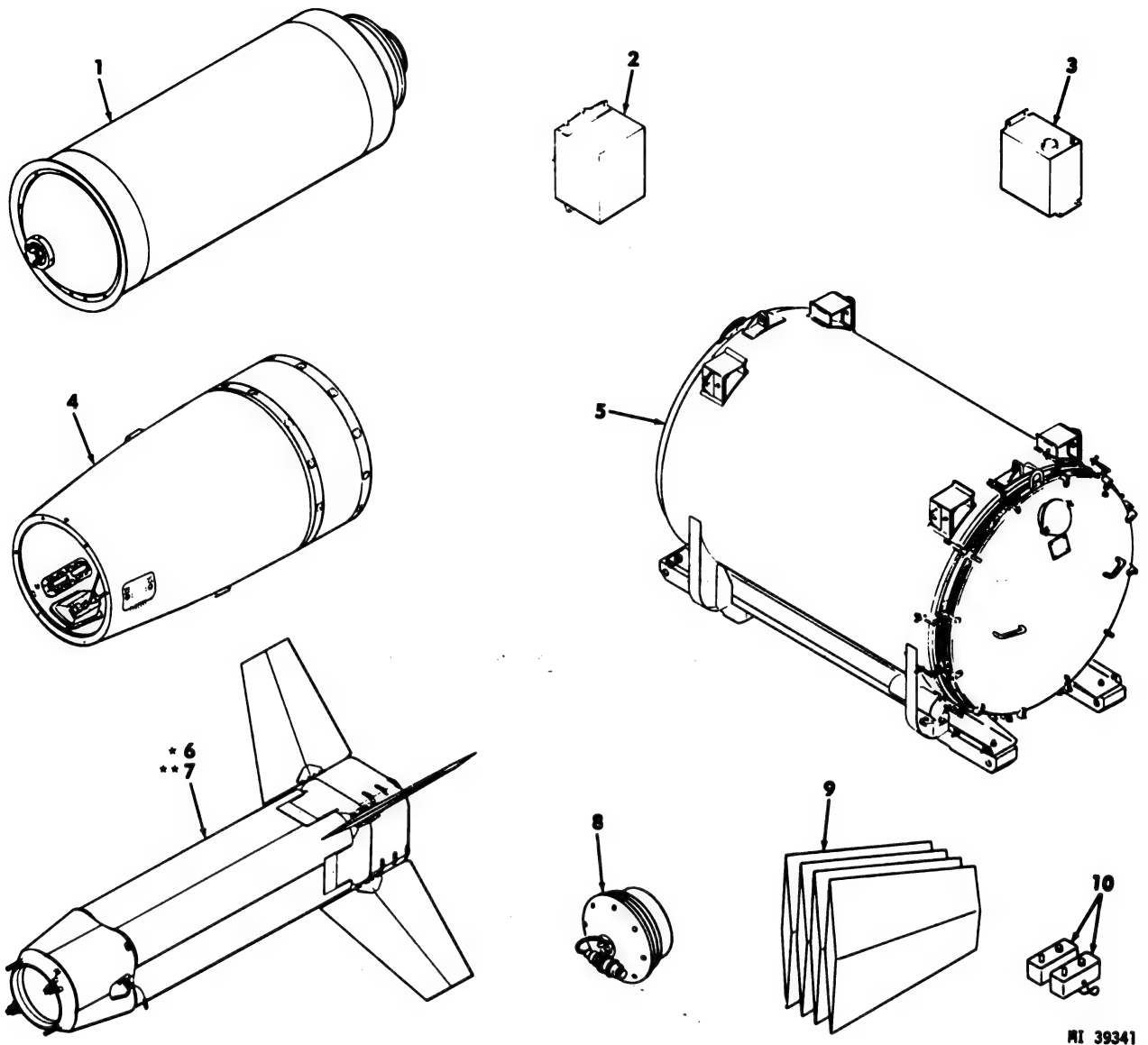
ORD G336920

FIGURE 5. WINTERIZATION KIT, GAS TURBINE GENERATOR SET /9019843/
/SEE FIGURE 15 FOR DETAILS/



ORD G336921

FIGURE 6. WINTERIZATION KIT, ROCKET MOTOR /9027320/
/SEE FIGURE 141 FOR DETAILS/



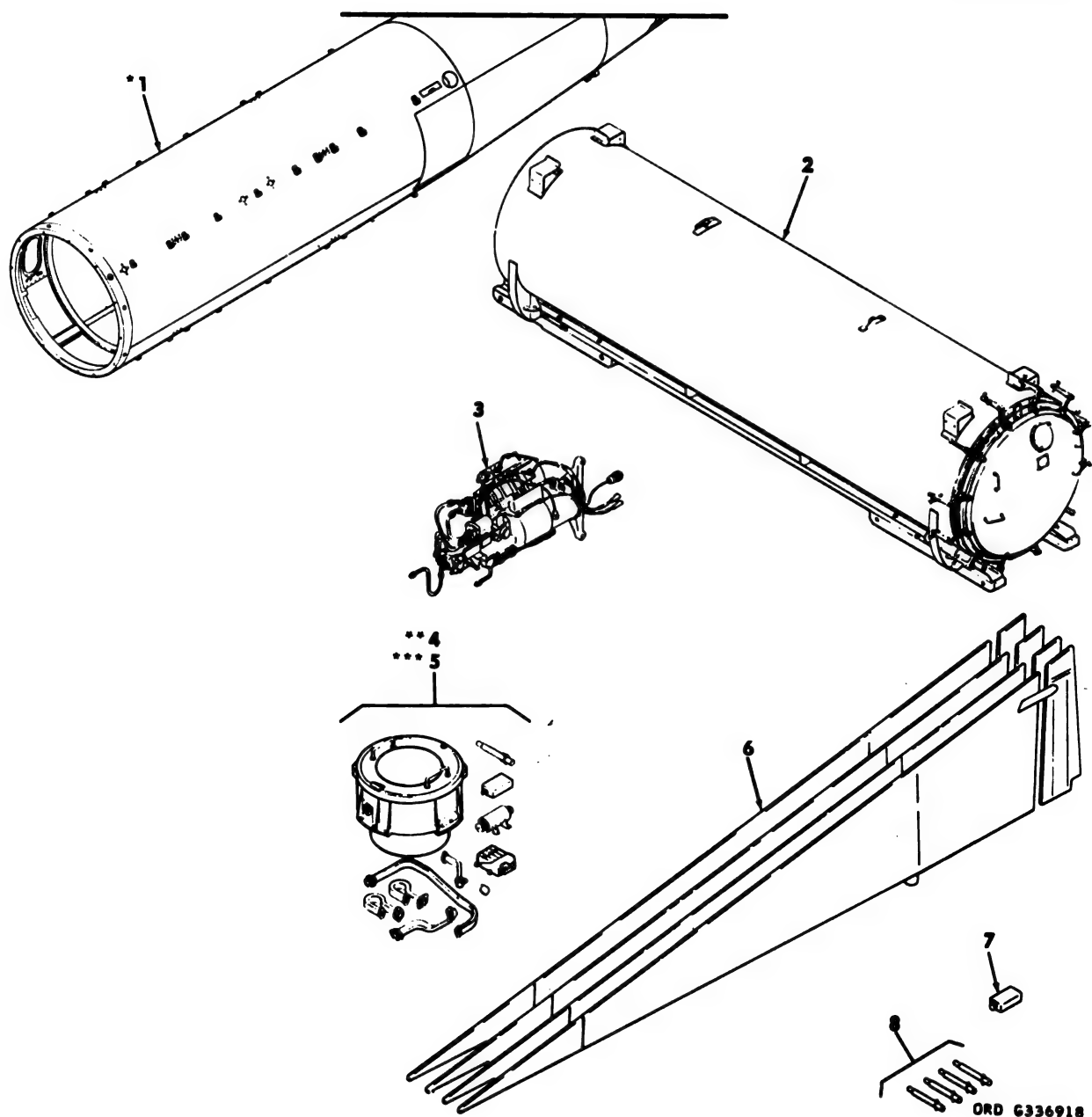
MI 39341

1 ROCKET MOTOR 10220125.....1
SEE FIGURE 16 FOR LOCATION
2 BATTERY BA485U.....1
SEE FIGURE 10 FOR LOCATION
3 BATTERY GAP4005G.....1
SEE FIGURE 79 FOR DETAILS
4 SHIPPING KIT 8530401.....1
SEE FIGURE 12 FOR DETAILS
5 SHIPPING AND STORAGE
CONTAINER 9031006.....1
SEE FIGURE 132 FOR DETAILS

6 ROCKET MOTOR #525883.....1
SEE FIGURE 136 FOR DETAILS
7 ROCKET MOTOR 9020717.....1
SEE FIGURE 136 FOR DETAILS
8 IGNITER #031024.....1
SEE FIGURE 140 FOR DETAILS
9 FIN ASSEMBLY 8530458.....1
SEE FIGURE 136 FOR DETAILS
10 SAFETY AND ARMING DEVICE
7542841.....2
SEE FIGURE 14 FOR DETAILS

• WITH LOADING ASSEMBLY
8030045
•• WITH LOADING ASSEMBLY
8030811

FIGURE 4. COMPONENTS OF GUIDED MISSILE, AIR DEFENSE, MIM-14B AND MIM-14C

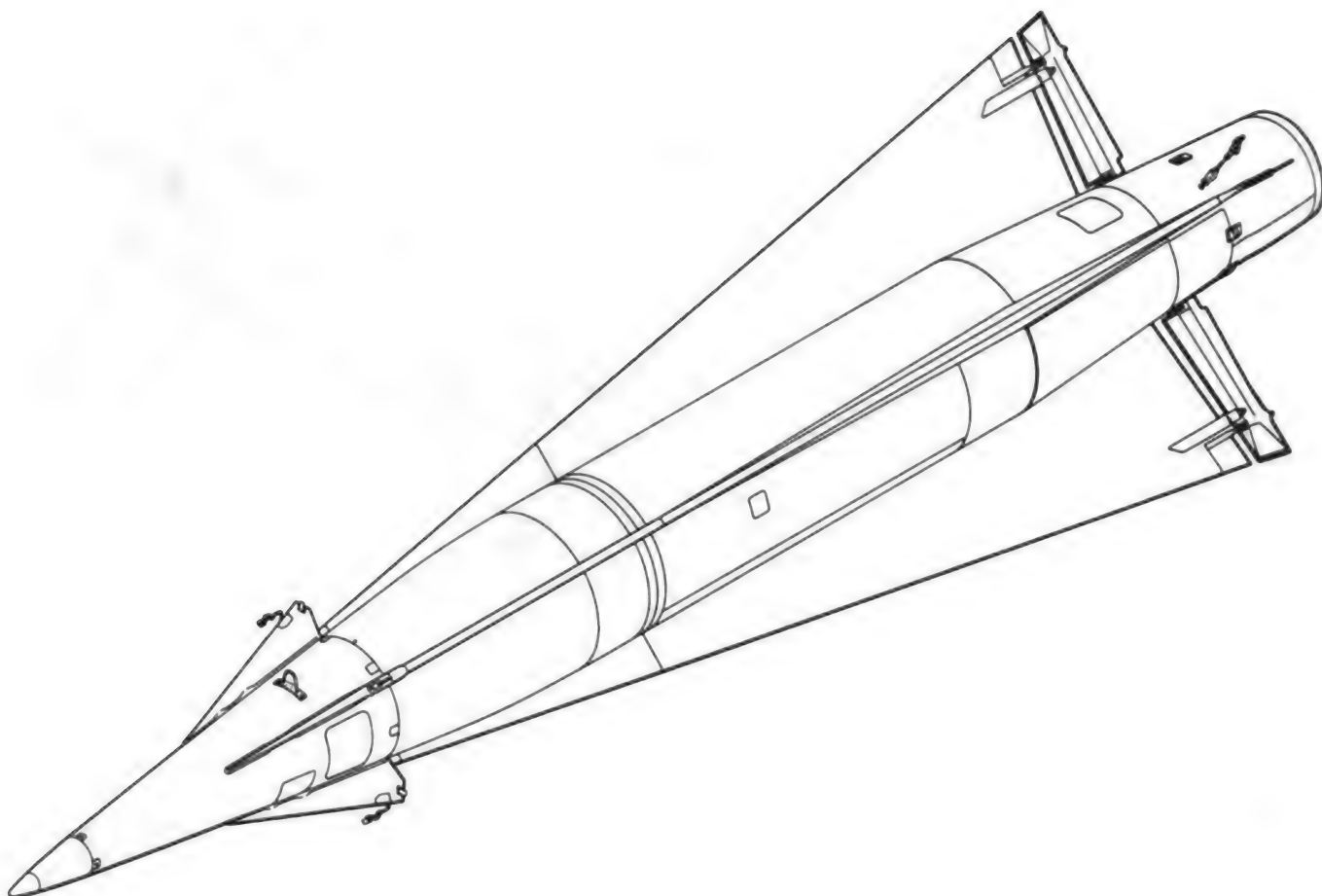


1 BODY ASSEMBLY 9028293.....1
SEE FIGURE 30 FOR LOCATION
2 SHIPPING AND STORAGE
CONTAINER 9031007.....1
SEE FIGURE 125 FOR LOCATION
3 PUMPING UNIT 9019617.....1
SEE FIGURE 97 FOR LOCATION
4 MISSILE GUIDANCE SFT
AN/DPW-18A 9149099.....1
SEE FIGURE 41 FOR LOCATION

5 MISSILE GUIDANCE SFT
AN/DPW-21 10666975.....1
SEE FIGURE 41 FOR LOCATION
6 SHIPPING KIT 9028319.....1
SEE FIGURE 12 FOR LOCATION
7 DELAY LINES GA10424.....1
SEE FIGURE 32 FOR LOCATION
8 HORN GA18756.....1
SEE FIGURE 32 FOR LOCATION

• FOR SHIPPING KIT 8530406 AND
9979611
** FOR EQUIPMENT INSTALLATION
9020575
*** FOR EQUIPMENT INSTALLATION
9979613

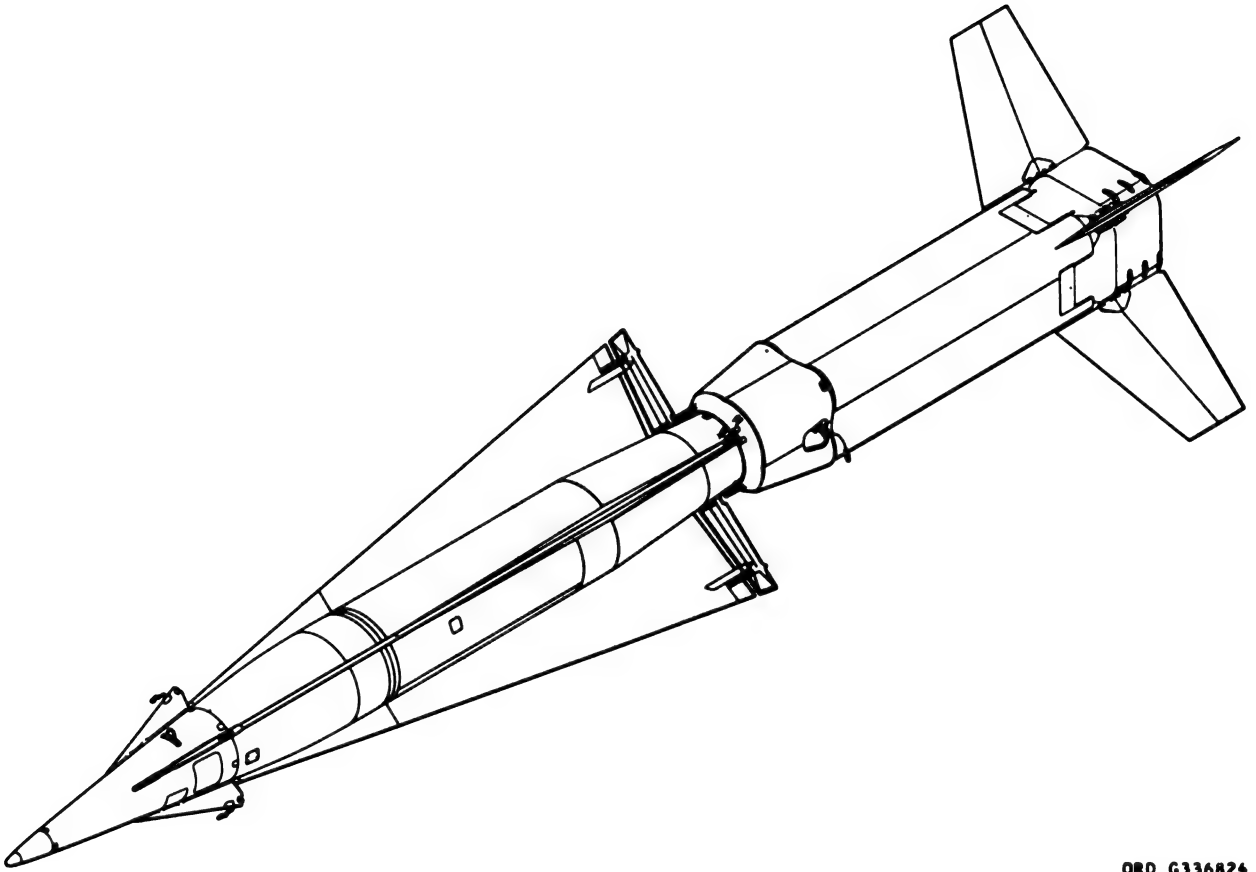
FIGURE 3. COMPONENTS OF GUIDED MISSILE, AIR DEFENSE, MIM-148 AND MIM-14C



ORD G294662

**FIGURE 2. GENERAL ASSEMBLY, MODEL 1810 /9028149, 9032783, 9979609 AND 9979610/
/SEE FIGURE 11 FOR DETAILS/**

SECTION III. ILLUSTRATIONS



ORD G336824

FIGURE 1. GUIDED MISSILE, AIR DEFENSE, MIM-14B /9020724, 9020732, 9028148 AND 9032782/ AND MIM-14C /9979609 AND 9979606/

| <i>Reference No.</i> | <i>Assembly</i> | <i>Figure No.</i> | <i>Reference No.</i> | <i>Assembly</i> | <i>Figure No.</i> |
|----------------------|---|-------------------|----------------------|---|-------------------|
| 9031793 | GUIDANCE COOLING SYSTEM INSTALLA- TION, MISSILE SIDE | 35 | 9979038 | TUBE AND VALVE ASSEMBLY, HYDRAULIC PUMPING UNIT | 103 |
| 9031838 | VALVE, SOLENOID | 120 | 9979605 | GUIDED MISSILE, AIR DEFENSE, MIM-14C | 1 |
| 9031879 | FIN, STABILIZER, GUIDED MISSILE | 42 | 9979606 | GUIDED MISSILE, AIR DEFENSE, MIM-14C | 1 |
| 9032497 | BODY SECTION, CENTER, GUIDED MISSILE, M135 | 24 | 9979608 | BODY ASSEMBLY, FORWARD | 31 |
| 9032585 | SHORTING RECEPTACLE, BOOSTER | 148 | 9979609 | GENERAL ASSEMBLY, MODEL 1810 | 2 |
| 9032782 | GUIDED MISSILE, AIR DEFENSE, MIM-148 | 1 | 9979610 | GENERAL ASSEMBLY, MODEL 1810 | 2 |
| 9032783 | GENERAL ASSEMBLY, MODEL 1810 | 2 | 9979611 | SHIPPING KIT, FORWARD AND AFT BODY ASSEMBLY | 28 |
| 9032830 | STRUCTURE ASSEMBLY- WARHEAD, FORWARD | 26 | 9979613 | EQUIPMENT INSTALLA- TION, FORWARD BODY ASSEMBLY | 36 |
| 9033947 | CONNECTOR, PLUG, ELECTRICAL | 172 | | | |
| 9978069 | PANEL, COMPONENT MOUNTING | 91 | | | |
| 9978099 | CABLE ASSEMBLY, BOOSTER IGNITER | 147 | | | |
| 9978535 | CONNECTOR ASSEMBLY, ELECTRICAL | 90 | | | |
| 9978713 | THERMOSTAT, ENGINE HEATER, SPRING MOUNTED | 61 | | | |

| <i>Reference No.</i> | <i>Assembly</i> | <i>Figure No.</i> | <i>Reference No.</i> | <i>Assembly</i> | <i>Figure No.</i> |
|----------------------|--|-------------------|----------------------|--|-------------------|
| 9020724 | GUIDED MISSILE, AIR DEFENSE, MIM-148 | 1 | 9028293 | BODY ASSEMBLY, AFT | 48 |
| 9020732 | GUIDED MISSILE, AIR DEFENSE, MIM-148 | 1 | 9028313 | FIN, STRUCTURE ASSEMBLY | 22 |
| 9022107 | ACCUMULATOR, HYDRAULIC | 111 | 9028319 | SHIPPING KIT, MAIN FINS | 20 |
| 9025119 | FAIRING ASSEMBLY, BOOSTER, SIDE | 150 | 9028341 | SHIPPING KIT, BOOSTER CLUSTER | 143 |
| 9025462 | FAIRING ASSEMBLY, BOOSTER, TOP | 150 | 9028467 | EQUIPMENT INSTALLA- TION, ENGINE SECTION | 55 |
| 9025463 | FAIRING ASSEMBLY, BOOSTER BOTTOM | 150 | 9028468 | MOTOR SECTION | 54 |
| 9027320 | WINTERIZA- TION KIT, ROCKET MOTOR | 6 | 9031006 | SHIPPING AND STORAGE CONTAINER, WARHEAD SECTION, M409 | 132 |
| 9028004 | FITTING ASSEMBLY, BOOSTER THRUST | 149 | 9031007 | SHIPPING AND STORAGE CONTAINER, GUIDED MISSILE, M410 | 125 |
| 9028024 | NOSE ASSEMBLY, GUIDED MISSILE | 47 | 9031082 | BATTERY ASSEMBLY | 89 |
| 9028082 | PANEL ASSEMBLY | 87 | 9031386 | ADAPTER INSTALLA- TION, NOSE SHIPPING | 128 |
| 9028130 | BODY SECTION, GUIDED MISSILE | 45 | 9031466-1 | STRUT ASSEMBLY, SUSPENSION | 130 |
| 9028135 | BODY SECTION, GUIDED MISSILE | 44 | 9031466-2 | STRUT ASSEMBLY, SUSPENSION | 130 |
| 9028148 | GUIDED MISSILE, AIR DEFENSE, MIM-148 | 1 | 9031495 | CONTAINER ASSEMBLY, BOLTED, WARHEAD | 135 |
| 9028149 | GENERAL ASSEMBLY, MODEL 1810 | 2 | 9031497 | CONTAINER ASSEMBLY, BOLTED, AFT BODY | 129 |
| 9028251 | BALLAST INSTALLA- TION, GUIDED MISSILE | 67 | 9031499 | TRACK ASSEMBLY, MOVABLE, AFT BODY | 131 |

| <i>Reference No.</i> | <i>Assembly</i> | <i>Figure No.</i> | <i>Reference No.</i> | <i>Assembly</i> | <i>Figure No.</i> |
|----------------------|-----------------|-------------------|----------------------|-----------------|-------------------|
| 8522196 | STRUCTURE | | 9019843 | WINTERIZA- | |
| | ASSEMBLY | 124 | | TION KIT, | |
| 8524285 | MECHANISM | | | GAS TURBINE | |
| | INSTALLA- | | | GENERATOR | |
| | TION, | | | SET | 5 |
| | HYDRAULIC | 113 | 9019874 | COVER, | |
| 8524475 | ACTUATOR | | | SHIPPING | |
| | ASSEMBLY | 118 | | CONTAINER | 127 |
| 8524478 | ACTUATOR | | 9019883 | MANIFOLD | |
| | ASSEMBLY | 118 | | ASSEMBLY, | |
| 8525883 | ROCKET MOTOR, | | | HYDRAULIC | |
| | M42 /XM42E2/ | 136 | | PUMPING UNIT | 109 |
| 8527017 | COUPLING | | 9019913 | CRADLE, | |
| | HALF, QUICK | | | SHIPPING | |
| | DISCONNECT | 88 | | AND STORAGE | |
| 8530401 | SHIPPING KIT, | | | CONTAINER, | |
| | WARHEAD | | | TRANSPONDER | 153 |
| | ASSEMBLY | 23 | 9019914 | CONTAINER, | |
| 8530406 | SHIPPING KIT, | | | SHIPPING | |
| | FORWARD AND | | | AND STORAGE, | |
| | AFT BODY | | | TRANSPONDER, | |
| | ASSEMBLY | 28 | | M466 | 8 |
| 8530475 | BODY | | 9019935 | EQUIPMENT | |
| | ASSEMBLY, | | | INSTALLA- | |
| | FORWARD | 31 | | TION, AFT | |
| 8530476 | SECTION | | | BODY SECTION | 72 |
| | ASSEMBLY, | | 9019994 | BLAST TUBE | |
| | NOSE | 43 | | AND CLOSURE | |
| 9019590 | CYLINDER, | | | INSTALLATION | 50 |
| | HYDRAULIC | | 9020507 | SYSTEM | |
| | PUMPING UNIT | 112 | | INSTALLA- | |
| 9019617 | PUMPING UNIT, | | | TION, | |
| | HYDRAULIC | 98 | | HYDRAULIC | 94 |
| 9019635 | MOTOR, | | 9020545 | PUMP | |
| | DIRECT | | | ASSEMBLY, | |
| | CURRENT | 106 | | HYDRAULIC | 104 |
| 9019675 | RACK, BATTERY | 93 | 9020546 | PUMP, AXIAL, | |
| 9019677 | DISTRIBUTION | | | PISTON | 105 |
| | BOX | 81 | 9020575 | EQUIPMENT | |
| 9019678 | PANEL, | | | INSTALLA- | |
| | COMPONENT | | | TION, | |
| | MOUNTING | 91 | | FORWARD | |
| 9019687 | DUMMY | | | BODY | |
| | BATTERY, | | | ASSEMBLY | 36 |
| | SQUIB | 92 | 9020643 | MOTOR, | |
| 9019698 | BODY SECTION, | | | DIRECT | |
| | GUIDED | | | CURRENT | 108 |
| | MISSILE | 122 | 9020699 | FAIL SAFE | |
| 9019729 | PANEL | | | KIT, | |
| | ASSEMBLY, | | | AUXILIARY | 7 |
| | HYDRAULIC | | 9020717 | ROCKET MOTOR, | |
| | PUMPING UNIT | 102 | | M42A1 | 136 |

2. Cross Reference Numerical List

| <i>Reference No.</i> | <i>Assembly</i> | <i>Figure No.</i> | <i>Reference No.</i> | <i>Assembly</i> | <i>Figure No.</i> |
|----------------------|-----------------|-------------------|----------------------|-----------------|-------------------|
| | | | 8025012 | HEAD ASSEMBLY | 139 |
| 10119272 | ELECTRICAL | | 8030045 | LOADING | |
| | INSTALLA- | | | ASSEMBLY, | |
| | TION, | | | ROCKET MOTOR | 137 |
| | TRAINER, | | 8030811 | LOADING | |
| | GUIDED | | | ASSEMBLY, | |
| | MISSILE | 165 | | ROCKET MOTOR | 137 |
| 10119274 | BODY SECTION, | | 8030967 | CLOSURE, | |
| | GUIDED | | 8030977 | SHIPPING | 138 |
| | MISSILE | | | ROCKET MOTOR | |
| | TRAINING, | | | CLUSTER, | |
| | M84 | 9 | 8030986 | TRAINER, M29 | 10 |
| 10119275 | SHIPPING KIT, | | | ROCKET MOTOR, | |
| | BODY SECTION | 156 | | TRAINING | |
| 10119276 | BODY SECTION, | | | FOR M29 | |
| | TRAINER, | | | TRAINING, | |
| | GUIDED | | 8030994 | ASSEMBLY | 169 |
| | MISSILE | 158 | | FITTING | |
| 10119277 | STRUCTURE | | | ASSEMBLY, | |
| | ASSEMBLY, | | | THRUST, | |
| | ENGINE | | 8031024 | BOOSTER | 170 |
| | SECTION | 164 | | IGNITER, | |
| 10119279 | BODY SECTION, | | | ROCKET | |
| | TRAINER, | | 8031040 | MOTOR, XM69 | 140 |
| | GUIDED | | | CLOSURE, | |
| | MISSILE | 161 | 8034291 | SHIPPING | 138 |
| 10119280 | STRUCTURE | | | BLAST TUBE | |
| | ASSEMBLY, | | | AND NOZZLE | |
| | EQUIPMENT | | 8166516 | ASSEMBLY | 53 |
| | AND POWER | 163 | | WARHEAD | |
| 10119281 | STRUCTURE | | | SECTION, | |
| | ASSEMBLY, | | | HIGH | |
| | CONTROL | 162 | | EXPLOSIVE, | |
| 10119284 | SHIPPING KIT, | | | GUIDED | |
| | MAIN FINS | | | MISSILE | |
| | INSTALLED | 156 | | INSTALLA- | |
| 10119285 | STRUCTURE | | | TION FOR | |
| | ASSEMBLY, | | 8521050 | M135 | 14 |
| | MAIN FIN | 157 | | SECTION | |
| 10119297 | BLAST TUBE | | | ASSEMBLY, | |
| | AND CLOSURE | | 8521053 | WARHEAD | 25 |
| | INSTALLA- | | | BODY SECTION, | |
| | TION, | | | GUIDED | |
| | TRAINER | 159 | 8521061 | MISSILE | 62 |
| 10228125 | ROCKET MOTOR, | | | FIN, | |
| | M30A2 | 17 | 8521095 | STABILIZER | 21 |
| 10228126 | CASE AND | | | CASE AND | |
| | ADAPTER | | | ADAPTER | |
| | ASSEMBLY | 19 | | ASSEMBLY | |
| 10602061 | IGNITER, | | 8521098 | INSTALLATION | 16 |
| | ROCKET | | | BODY SECTION, | |
| | MOTOR, M72 | 18 | | GUIDED | |
| | | | | MISSILE | 68 |

| <i>Illustration Title</i> | <i>Figure No.</i> | <i>Illustration Title</i> | <i>Figure No.</i> |
|---|-------------------|--|-------------------|
| .CONTAINER ASSEMBLY, BOLTED, AFT BODY /9031497/----- | 129 | .CRADLE, SHIPPING AND STORAGE CONTAINER, TRANSPONDER /9019913-- | 153 |
| .STRUT ASSEMBLY, SUSPENSION /9031466-1 AND 9031466-2/----- | 130 | BODY SECTION, GUIDED MISSILE, TRAINING, M84 /10119274/----- | 154 |
| .TRACK ASSEMBLY, MOVABLE, AFT BODY /9031499/----- | 131 | .SHIPPING KIT, BODY SECTION /10119275/ AND SHIPPING KIT, MAIN FINS /INSTALLED/ /10119284/----- | 156 |
| SHIPPING AND STORAGE CONTAINER, WARHEAD SECTION, M409 /9031006/ | 132 | ..STRUCTURE ASSEMBLY, MAIN FIN /10119285/-- | 157 |
| .CONTAINER ASSEMBLY, BOLTED, WARHEAD /9031495/----- | 135 | ..BODY SECTION, TRAINER, GUIDED MISSILE /10119276/----- | 158 |
| ROCKET MOTOR, M42 /XM42E2 8525883 AND M42A1 9020717/----- | 136 | ...BLAST TUBE AND CLOSURE INSTALLATION, TRAINER /10119297/-- | 159 |
| .LOADING ASSEMBLY, ROCKET MOTOR /8030045 AND 8030811/----- | 137 | ...BODY SECTION, TRAINER, GUIDED MISSILE /10119279/-- | 161 |
| ..CLOSURE ASSEMBLY, SHIPPING /8030967 AND 8031040/----- | 138 |STRUCTURE ASSEMBLY, CONTROL /10119281/- | 162 |
| ..HEAD ASSEMBLY /8025012/----- | 139 |STRUCTURE ASSEMBLY, EQUIPMENT AND POWER /10119280/----- | 163 |
| .IGNITER, ROCKET MOTOR, XM69 /8031024/----- | 140 | ...STRUCTURE ASSEMBLY, ENGINE SECTION /10119277/----- | 164 |
| .WINTERIZATION KIT, ROCKET MOTOR /INSTALLED/ /9027320/- | 141 | ...ELECTRICAL INSTALLATION, TRAINER, GUIDED MISSILE /10119272/-- | 165 |
| .SHIPPING KIT, BOOSTER CLUSTER /INSTALLED/ /9028341/----- | 143 | ROCKET MOTOR CLUSTER, TRAINER, M29 /8030977/- | 167 |
| ..CABLE ASSEMBLY, BOOSTER IGNITER /9978099/----- | 147 | .ROCKET MOTOR, TRAINING FOR M29 TRAINER, ASSEMBLY /8030986/---- | 169 |
| ..SHORTING RECEPTACLE, BOOSTER /9032585/---- | 148 | .FITTING ASSEMBLY, THRUST, BOOSTER /8030994/----- | 170 |
| ..FITTING ASSEMBLY, BOOSTER THRUST /9028004/----- | 149 | WIRING HARNESSES AND CABLE ASSEMBLIES----- | 171 |
| ..FAIRING ASSEMBLY, BOOSTER /SIDE 9025119, TOP 9025462 AND BOTTOM 9025463/-- | 150 | ..CONNECTOR, PLUG, ELECTRICAL /9033947/- | 172 |
| CONTAINER, SHIPPING AND STORAGE, TRANSPONDER, M466 /9019914/----- | 151 | | |

| Illustration Title | Figure No. | Illustration Title | Figure No. |
|---|------------|---|------------|
|BODY SECTION, GUIDED MISSILE /9028130/----- | 45 |SYSTEM INSTALLATION, HYDRAULIC /9020507/----- | 94 |
|NOSE ASSEMBLY, GUIDED MISSILE /9028024/----- | 47 |PUMPING UNIT, HYDRAULIC /9019617/----- | 98 |
| ..BODY ASSEMBLY, AFT /9028293/----- | 48 |PANEL ASSEMBLY, HYDRAULIC PUMPING UNIT /9019729/-- | 102 |
| ...BLAST TUBE AND CLOSURE INSTALLATION /9019994/----- | 50 |TUBE AND VALVE ASSEMBLY, HYDRAULIC PUMPING UNIT /9979038/----- | 103 |
|BLAST TUBE AND NOZZLE ASSEMBLY /8034291/----- | 53 |PUMP ASSEMBLY, HYDRAULIC /9020545/----- | 104 |
| ...MOTOR SECTION /9028468/----- | 54 |PUMP, AXIAL, PISTON /9020546/ | 105 |
|EQUIPMENT INSTALLATION, ENGINE SECTION /9028467/----- | 55 |MOTOR, DIRECT CURRENT /9019635/ | 106 |
|THERMOSTAT, ENGINE HEATER, SPRING MOUNTED /9978713/- | 61 |MOTOR, DIRECT CURRENT /9020643/ | 108 |
|BODY SECTION, GUIDED MISSILE /8521053/----- | 62 |MANIFOLD ASSEMBLY, HYDRAULIC PUMPING UNIT /9019883/----- | 109 |
| ...BALLAST INSTALLATION, GUIDED MISSILE /9028251/----- | 67 |ACCUMULATOR, HYDRAULIC /9022107/----- | 111 |
| ...BODY SECTION, GUIDED MISSILE /8521098/--- | 68 |CYLINDER, HYDRAULIC PUMPING UNIT /9019590/-- | 112 |
|EQUIPMENT INSTALLATION, AFT BODY SECTION /9019935/----- | 72 |MECHANISM INSTALLATION, HYDRAULIC /8524285/ | 113 |
|DISTRIBUTION BOX /9019677/----- | 81 |ACTUATOR ASSEMBLY /8524475 AND 8524478/----- | 118 |
|PANEL ASSEMBLY /9028082/----- | 87 |VALVE, SOLENOID /9031838/----- | 120 |
|COUPLING HALF, QUICK DISCONNECT /8527017/----- | 88 |BODY SECTION, GUIDED MISSILE /9019698/----- | 122 |
|BATTERY ASSEMBLY /9031082/----- | 89 |STRUCTURE ASSEMBLY /8522196/----- | 124 |
|CONNECTOR ASSEMBLY, ELECTRICAL /9978535/----- | 90 | SHIPPING AND STORAGE CONTAINER, GUIDED MISSILE, M410 /9031007/ | 125 |
|PANEL, COMPONENT MOUNTING /9019678 AND 9978069/----- | 91 | .COVER, SHIPPING CONTAINER /9019874/--- | 127 |
|DUMMY BATTERY, SQUIB /9019687/--- | 92 | .ADAPTER INSTALLATION, NOSE SHIPPING /9031386/----- | 128 |
|RACK, BATTERY /9019675/----- | 93 | | |

SECTION II.

ILLUSTRATIONS, ASSEMBLY PARTS BREAKDOWN

I. Assembly Parts Breakdown List

Note: The use of dots indicates generation breakdown.

| Illustration Title | Figure No. | Illustration Title | Figure No. |
|--|------------|---|------------|
| GUIDED MISSILE, AIR DEFENSE, MIM-148 /9020724, 9020732, 9028148 AND 9032782/ AND MIM-14C /9979605 AND 9979606/----- | 1 | ...IGNITER, ROCKET MOTOR, M72 /10602061/----- | 18 |
| GENERAL ASSEMBLY, MODEL 1810 /9028149, 9032783, 9979609 AND 9979610/-- | 2 | ...CASE AND ADAPTER ASSEMBLY /10228126/- | 19 |
| COMPONENTS OF GUIDED MISSILE, AIR DEFENSE, MIM-148 AND MIM-14C---- | 3 | .SHIPPING KIT, MAIN FINS /INSTALLED/ /9028319/----- | 20 |
| WINTERIZATION KIT, GAS TURBINE GENERATOR SET /9019843/----- | 5 | ..FIN, STABILIZER /8521061/----- | 21 |
| WINTERIZATION KIT, ROCKET MOTOR /9027320/- | 6 | ..FIN, STRUCTURE ASSEMBLY /9028313/--- | 22 |
| FAIL SAFE KIT, AUXILIARY /9020699/---- | 7 | .SHIPPING KIT, WARHEAD ASSEMBLY /8530401/---- | 23 |
| CONTAINER, SHIPPING AND STORAGE, TRANSPONDER, M466 /9019914/----- | 8 | ..BODY SECTION, CENTER, GUIDED MISSILE, M135 /9032497/----- | 24 |
| BODY SECTION, GUIDED MISSILE TRAINING, M84 /10119274/----- | 9 | ...SECTION ASSEMBLY, WARHEAD /8521050/--- | 25 |
| ROCKET MOTOR CLUSTER, TRAINER, M29 /8030977/- | 10 |STRUCTURE ASSEMBLY-- WARHEAD, FORWARD /9032830/----- | 26 |
| GENERAL ASSEMBLY, MODEL 1810 /9028149, 9032783, 9979609 AND 9979610/-- | 11 | .SHIPPING KIT, FORWARD AND AFT BODY ASSEMBLY, INSTALLED /8530406 AND 9979611/----- | 28 |
| .WARHEAD SECTION, HIGH EXPLOSIVE, GUIDED MISSILE INSTALLATION FOR M135 /8166516/----- | 14 | ..BODY ASSEMBLY, FORWARD /8530475 AND 9979608/----- | 31 |
| .WINTERIZATION KIT, GAS TURBINE GENERATOR SET /INSTALLED/ /9019843/- | 15 | ...GUIDANCE COOLING SYSTEM INSTALLATION, MISSILE SIDE /9031793/----- | 35 |
| .CASE AND ADAPTER ASSEMBLY INSTALLATION /INSTALLED/ /8521095/- | 16 | ...EQUIPMENT INSTALLATION, FORWARD BODY ASSEMBLY /9020575 AND 9979613/----- | 36 |
| ..ROCKET MOTOR, M30A2 /10228125/----- | 17 | ...FIN, STABILIZER, GUIDED MISSILE /9031879/----- | 42 |
| | | ...SECTION ASSEMBLY, NOSE /8530476/----- | 43 |
| | |BODY SECTION, GUIDED MISSILE /9028135/----- | 44 |

(2) Second. Using the Index of National Stock Numbers and Part Numbers of the Repair Parts and Special Tools List, find the pertinent National Stock Number or part number. This index is in NIIN sequence followed by a list of part numbers in alphameric sequence, cross-referenced to the index numbers shown in the illustration figure and item number column.

(3) Third. After finding the index number in the figure and item number column of the NSN or Part Number Index of the Repair Parts & Special Tools List, locate the index number in the repair parts list.

c. Wiring Harnesses. Wiring harnesses that require a separate illustration(s) for component identification, or cable assemblies and test leads composed of common type components, have been assigned a control number and the component parts are identified at the end of Section III. The assembled items are identified at their first appearance and refer to an illustration for details. The referenced illustration depicts all components of the wiring harnesses, cable assemblies, or test leads. Following the referenced illustration is an application page(s) listing the components and quantities per each wiring harness, cable assembly, or test lead.

4. How to Locate Repair Parts.

a. When National stock number or part number is unknown:

(1) First. Using the table of contents, find the Illustrations, Assembly Parts Breakdown.

(2) Second. Using the Illustrations, Assembly Parts Breakdown, determine the assembly within which the repair part belongs.

(3) Third. Find the illustration covering the assembly to which the repair part belongs.

(4) Fourth. Identify the repair part on the illustration and note the part number of the repair part.

(5) Fifth. Refer to paragraph 3.a. above to determine the applicable TM where authorized repair parts are depicted. This is necessary since compatible repair parts and special tools for this supplement are shown in a separate Repair Parts and Special Tools List manual.

(6) Sixth. Using the Index of National Stock Numbers and Part Numbers of the Repair Parts and Special Tools List, find the pertinent part number of item noted on the illustration. This index is in National item identification number (NIIN) sequence followed by a list of part numbers in alphameric sequence, cross-referenced to the index numbers shown in the illustration figure and item number column.

(7) Seventh. After finding the index number in the figure and item number column of the Repair Parts and Special Tools List, locate the index number in the repair parts list.

b. When National stock number or part number is known:

(1) First. Refer to paragraph 3.a. above to determine the applicable TM where authorized repair parts are depicted. This is necessary since compatible repair parts and special tools for this supplement are shown in a separate Repair Parts and Special Tools List manual.

Section I. INTRODUCTION

1. Scope.

This manual depicts illustrations that will aid in the identification of authorized spares and repair parts required for performance of organizational, direct support and general support maintenance of the Guided Missile, Air Defense MIM-14B and MIM-14C.

2. General.

This Repair Parts and Special Tools List Illustration Supplement is divided into the following sections:

a. Section II. Illustrations, Assembly Parts Breakdown. This section is divided as follows:

(1) Assembly Parts Breakdown List. This list is furnished to aid in locating components, assemblies, and subassemblies and indicates by indenture the generation breakdown level of the item.

(2) Cross-Reference Numerical List. This list is furnished as an aid in locating items by part number that appear on the assembly parts breakdown list.

b. Section III. Illustrations. A series of exploded views of assemblies and subassemblies arranged in figure number sequence. All exploded parts are identified with callout numbers placed in clockwise sequence. The first illustration will depict the end item followed by an exploded view illustration or series of illustrations of the major assembly prior to the breakdown of its subassemblies. The subassemblies are then illustrated in the order that they appeared and were indexed on the major assembly.

c. Section IV. Numerical Index. A list, in alphameric sequence, of all part numbers appearing in the illustration legends. Part numbers are cross-referenced to each illustration figure and item number appearance. This index is furnished as an aid in locating items in this supplement, and authorized items in the Repair Parts and Special Tools List.

3. Special Information.

a. Repair Parts and Special Tools List. The listing of authorized repair parts for the equipment contained in this illustration supplement are located in TM 9-1410-250-24P-1-1, Repair Parts and Special Tools List. Items that appear on the illustrations, but which are not listed in the Repair Parts and Special Tools List, are not authorized repair parts. In such cases, or where differences exist between information found in this Supplement and the Repair Parts and Special Tools List, the information found in the Repair Parts and Special Tools List manual will prevail for requisitioning purposes.

b. Quantity Per Illustrated Application. The quantity per illustrated application will be shown in the legend to the right of the referenced number. The asterisk (*) shown on the illustration legend denotes "as required."

TECHNICAL MANUAL

TM 9-1410-250-24P-1-2

HEADQUARTERS,
DEPARTMENT OF THE ARMY
Washington, D. C., 13 July 1982

Organizational, Direct Support, and General Support Maintenance

Repair Parts and Special Tools List

(Including Depot Maintenance Repair Parts and Special Tools)

ILLUSTRATION SUPPLEMENT

FOR

GUIDED MISSILE, AIR DEFENSE

MIM-14B AND MIM-14C

(IMPROVED NIKE-HERCULES AIR DEFENSE GUIDED MISSILE SYSTEM)

Current as of 1 April 1982

REPORTING OF ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in back of this manual direct to: Commander, U. S. Army Missile Command, ATTN: DRSMI-SNPS, Redstone Arsenal, AL 35898. A reply will be furnished to you.

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*This manual supersedes TM 9-1410-250-24P-1-2, dated 12 December 1979.

